User Manual
Falk Navigator 11

Falk

About Us

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Content

1   Introduction

Congratulations on your purchase of a mobile Falk navigation device with the new Falk Navigator.

With the Falk Navigator, you have purchased a product that was developed and tested with the utmost care. It meets the highest functionality and operating requirements.

Nevertheless, should you have any suggestions or comments that would allow us to make our products even better, we would be glad to hear from you.

The Falk Navigator manual will teach you all about the extensive functions of your navigation device. Furthermore, problems which are caused by possible operating errors can be avoided by reading this manual.

We wish you lots of enjoyment, a good trip, and safe arrival with your mobile Falk navigation device.

1.1   About this manual

The functions of your Falk Navigator navigation software are described in detail in the following chapters of this manual. Some chapters are dedicated to functions or optional accessories that only apply to specific products in the Falk family. Chapters that describe optional functions or accessories are identified as "**optional**" in the manual.

The product description on the original packaging of your product will tell you whether you can use these functions with your product. The packaging also indicates which accessories are included in the scope of delivery of your product.

The following notation is used in this manual to improve legibility and comprehensibility:

Bold: Important text sections or terms that are used in the Navigator program interface in the form of labels for the icons used.

Note: Notes are used repeatedly in order to identify important or essential information.

Tip: Tips are pointers designed to make the device easier to use or to solve problems.

Note: The screens used in this document show all of the options available in the Falk Navigator. In the case of products which do not feature all of the functions, these functions are not displayed on the navigation screen or in the menu. For this reason, the screens used in the document may differ from those in your navigation system.
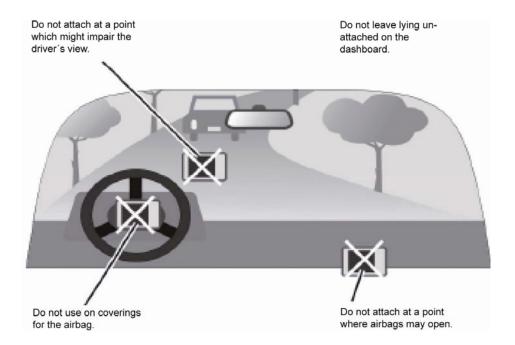
In principle, the screens shown in this manual may differ from the screens on your navigation systems.

1.2 Safety notes & maintenance - conformity declaration

Please read through this chapter carefully and follow all of the notes which are provided. This will ensure reliable operation and a long service life for your device.

- Please establish the required settings and enter your desired destination before you set off. Never operate your navigation device while driving, since this could distract you from what is happening on the road and cause an accident.
- Road traffic regulations always take precedence over the instructions provided by the Falk Navigator. Should this require you to leave the route suggested by your navigation device, the Falk Navigator will recalculate the route and lead you to your destination along an alternative route.
- Do not look at the display on your device for a lengthy period of time while driving.
- In order to ensure that the device does not pose a hazard to the vehicle or the occupants of the vehicle, even in the event of a critical traffic situation such as an emergency stop, always attach your mobile Falk navigation device in your vehicle using a mounting bracket recommended by Falk. Ensure that the effectiveness of passive safety systems in your vehicle such as airbags cannot be impaired by the installation of the bracket.

Do not attach at a point which might impair the driver´s view.

Do not leave lying un-attached on the dashboard.

Do not use on coverings for the airbag.

Do not attach at a point where airbags may open.

Magnet

- PNDs from Falk may contain a magnet.
- Do not place near to magnetic data carriers (notebooks) or cards (EC cards, credit cards etc.).
- They may be damaged or rendered unusable if they come into contact with the PND.

Note: Magnets can interfere with the way that pacemakers work! People who are fitted with a pacemaker should not carry the device too close to their body.

Operating environment

Outside influences:

Do not place anything on the device and do not allow any objects to fall onto the device from above.
Do not drop your device and do not shake it either.

Do not keep or carry any inflammable liquids, gases or explosives in the same compartment as your device, its parts or its accessories.
Wireless devices could interfere with the reception of GPS signals and cause unstable signal reception.

GPS:

GPS is operated and monitored under the sole responsibility of the government of the United States, which is also responsible for ensuring the availability and accuracy of this system. United Navigation is therefore unable to accept responsibility for GPS availability and accuracy.

GPS satellite signals do not go through solid materials (apart from glass). GPS positioning is therefore not possible within a building.

At least 4 GPS satellite signals are required to determine the current GPS position. Signal reception may be impaired by bad weather or dense obstacles above the ground (e.g. trees and tall buildings).

Temperature:

When you get out of your vehicle, do not leave your device lying on the dashboard where it might be exposed to sunlight. If the battery overheats, this may result in malfunctions and/or dangerous situations.
The device may only be stored at temperatures of -20°C – +60°C and be operated at temperatures of -10°C – +60°C.
Keep your device away from excessive moisture and extreme temperatures. The device should only be operated and stored in atmospheric humidity of 0% to 90%.
Do not expose your device to sudden extreme temperature fluctuations. This might cause condensation to collect in the device, which might result in damage to the device. When condensation forms, wait for the device to completely dry out.

Power adapter (optional)

Please only use original Falk accessories. Other types of power adapter may cause malfunctions and/or serious damage and cancel the liability of United Navigation GmbH for the resulting consequences.
Do not use the power adapter in damp environments. Never touch the power adapter if your hands or feet are wet.
Ensure that there is sufficient ventilation around the power adapter if you are using it to operate the device or to charge the battery. Do not cover the power adapter. Do not use the power adapter when it is in a carrier bag.
Connect the power adapter to an appropriate power source. You will find the voltage requirements on the product casing.
Do not use the power adapter if its power cable is damaged. Never force a plug into a socket.

Battery

Only use the original battery and the original car charger which is supplied with it. If you use other parts, this may result in malfunctions and/or severe damage and cancel the liability of United Navigation GmbH for the resulting consequences.

This product works with a lithium-ion battery. Do not use it in a damp, wet and/or corrosive environment. You must not place your product in or next to heat sources, at places which are subject to high temperatures or extreme sunlight, in a microwave oven or an excess pressure container, store it or leave it there, and you must also not expose it to any temperatures above 60°C (140°F). If you do not adhere to these guidelines, this may cause acid to escape from the lithium-ion battery, cause it to become hot, explode or catch fire and may cause injuries and/or damage. You must not pierce, open or dismantle the battery. If the battery leaks and you come into contact with the liquids which have leaked, thoroughly rinse the areas which have come into contact with water and consult a doctor immediately. For safety reasons and in order to lengthen the lifetime of the battery, it will not charge at low temperatures (below 0°C/32°F) or high temperatures (above 45°C/110°F).

Disposal

The symbol on the product or its packaging indicates that this product should not be treated as normal domestic waste but must instead be deposited at a collection point for recycling electrical and electronic devices. You can obtain further information about recycling this product from your local authority, municipal waste disposal companies or the shop where you bought the product.

WEEE Reg. No. DE 19715620

Aeroplanes and hospitals

The use of electronic devices is prohibited on most aeroplanes, in most hospitals and at lots of other places. The device must not be used in such environments. Always switch your device off wherever you are requested to do so.

CE certificates and RoHs

The device conforms to the Directives of R&TTE 1999/5/EC and Directive 2002/95/EC OF THE EUROPEAN PARLIAMENT AND COUNCIL dated 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (ROHS). You will find detailed conformity declarations in the Service & Support section on our website www.falk-navigation.de.

Theft

Please never leave your navigation device unattended, openly on display in your car.

Updating maps and software

You can obtain information about updating software and maps from retailers or in the Falk Online Shop at shop.gofalk.com/falk

Headphones connection/volume

Hearing experts issue warnings! If audio files etc. are played at a high volume for a lengthy period of time, this can result in hearing damage.

In dangerous situations, headphones should be used with great caution or they should not be used for a certain period of time. Never set the volume so high that you can no longer hear what is going on around you.

1.3 Safety and help functions

1.3.1 Theft protection

You can protect your navigation device from being used by unauthorised people by setting up theft protection with a personal PIN number.

Note: Theft protection can only be activated/changed using the Falk Navi-Manager PC program (cf. Chapter 5). Your personal PIN number is stored on your PC and can be viewed again at any time.

Requirements: PC with WinXP™, Windows Vista™ or Windows 7, active Microsoft® ActiveSync® (alternatively Microsoft® Mobile Device Center®, component of Windows Vista™ and Windows 7)

Note: Theft protection satisfies the highest security standards. Please note that, when theft protection is activated and switched on, there is **NO** possibility of using your navigation device without entering the correct PIN number.

Setting up theft protection via the Navi-Manager

Use a USB cable to connect your navigation device to your PC and establish an ActiveSync® connection.

Choose Define partnership>No and then click on Next.

Start up the Falk Navi-Manager. On the **menu** of the **Navi-Manager** select **Options>Theft protection.**

Enter a personal PIN with as many digits as you wish (but you may only use numbers) and make sure you remember it. Confirm by tapping **OK**.

Disconnect your navigation device from your PC. Theft protection is now set up and activated.

Changing PIN via Navi-Manager

Note: If a PIN has already been set up and this has been activated on the Settings menu, you must first enter the PIN in order to be able to establish a connection to the Navi-Manager.

Use a USB cable to connect your navigation device to your PC and establish an ActiveSync® connection.

Choose Define partnership>No and then click on Next.

Start up the Falk Navi-Manager. On the **menu** of the **Navi-Manager** select **Options>Theft protection.**

Change your personal PIN (but you may only use numbers) and make sure you remember it. Confirm by tapping **OK**.

Disconnect your navigation device from your PC.

Removing theft protection via Navi-Manager

Note: If a PIN has already been set up and this has been activated on the Settings menu, you must first enter the PIN in order to be able to establish a connection to the Navi-Manager.

Use a USB cable to connect your navigation device to your PC and establish an ActiveSync® connection.

Choose Define partnership>No and then click on Next.

Start up the Falk Navi-Manager. In the Navi-Manager select the **Theft protection** tab**.**

Select **Remove protection.** Theft protection has been deactivated.

Using theft protection

To use theft protection, you must switch off the device completely after each trip by switching the main power switch **6** (cf. Chap. 1.4) on the bottom of the device to **OFF**.

When you move the switch to **ON** again, you must enter your PIN to identify yourself.

Switching theft protection on and off

You can switch **activated theft protection** on and off at any time. Once you have switched it off, you will not be asked for your PIN again.

To switch the theft protection on and off, go to the **main menu** and select the option **Settings>Theft protection.** The button switches between switching on and off. Confirm your entry by tapping **OK**.

Forgotten PIN?

You can view your PIN at any time via the Navi-Manager by connecting your navigation device to your PC in the manner described above and calling up theft protection in the Navi-Manager under **Options>Theft protection**.

Note: The PIN number is stored on your PC; if your PC has been completely formatted or no longer works, it is not possible to restore your PIN number.

Falk does not accept any liability for expenditure incurred for any service that is required because you have forgotten your personal PIN number.

1.3.2 Screen lock

The screen lock allows you to extend the battery running time of your navigation device. It also prevents you from accidentally switching on the device or accidentally making entries on the screen and thus ensures that you do not trigger any functions you do not want to.

Activating screen lock

You activate the screen lock via **Settings> Screen lock.**

You have a choice between two basic settings:

Timer: Activates the screen lock according to your personal presettings. You have a choice between 1 minute, 3 minutes, 5 minutes and 10 minutes.

Manual: The screen lock is always activated when you manually activate the on/off switch on the top of the device (3) (cf. Chap. 1.4). This means that audio will continue to be output, but entries via the screen are no longer possible. For example, you can use your navigation device with headphones (not included when the product is supplied) as an MP3 Player (optional) and place the device in a case without accidental tapping on the screen resulting in entries being made.

The screen is activated again if you touch the slide control on the display. Pressing the on/off switch on the top of the device again will switch the device off and thus stop any audio outputs.

Confirm your entry by tapping **OK**.

Screen lock active

The screen is activated after the device is switched on via the on/off button on the top of the device or the battery switch on the bottom of the device. You will now see a virtual slide control which you can use to switch on the device. To do this, place your finger on the touch screen and move the slide control from top to bottom. The device is now switched on.

If the slide control is not operated within a certain period of time, your navigation device automatically switches off again.

1.4 Device specification

1. Battery charge indicator (optional): During the charging process the charge indicator glows red. It glows white, when the battery has been fully charged.

2. Touch screen: Displays the Falk Navigator software. Use your fingers to tap on the screen in order to select menu commands or enter data.

Attention: Do not touch the display with sharp-edged or pointed objects in order to avoid any damage.

3. On/off switch: Switches the device on or off when you press it.

4. Magnet: Magnet for fixing the device in the holding shell.

5. Loudspeaker: Emits spoken instructions and warnings.

6. Main power switch: Controls the main power supply. Slide the switch to "ON" to switch on the power supply. By sliding the switch to "OFF" you also perform a hard reset on your device. Switch your device off to activate the theft protection.

7. micro-SD slot: Slot for receiving a micro-SD card with a max. memory capacity of up to 16 GB.

8. Mini-USB cable: Socket for the USB cable for connection to a PC or for connecting the car charger cable.

9. Headphones socket/TMC antenna input: Socket for headphones, socket for an external TMC antenna.

1.4.1 Memory card slot

You can use a memory card to store map data or audio files (optional). These files can be recognised and used by the navigation device. For this to happen, you must insert an SD card which has country maps or audio files (optional) stored on it into the memory card slot on your device.

Map data:

In order for map data to be recognised, a hard reset (On/Off-switch) must be carried out after inserting the SD card into the device. Do not remove the SD card during navigation. It is recommended to turn off the device (On/Off-switch) before removing the SD card.

1.4.2 Serial number

For some services or offers in the Falk Online Shop, you need to specify the serial number of your navigation device.

You will find the serial number of your navigation device on the product sticker on the back of the device beneath the barcode.

It comes after S/N, e.g. S/N: MCA20G0803812

Please enter only the serial number **without S/N**, so in our example: MCA20G0803812

1.4.3 Technical data

Screen	Display	10.9 cm (4.3", colour), transmissive LED Backlight
	Resolution Brightness	480 × 272, WQVGA resolution 400cd/m^2
Internal memory	Memory	4GB
	RAM	128 MB
Memory card slot		SD/MMC card slot (micro-SD) slot up to 16 GB
GPS	Chip Antenna	ST-NXP GNS7560 Built-in 12 x 12 ceramic patch antenna
Input / output	Input Loud speaker Headphones/TMC USB	Screen interface, keypad Built in, 2 W 3.5 mm jack socket for headphones combined with external TMC antenna socket USB 2.0 (Mini USB)
TMC		Integrated TMC module and TMC dipole antenna
Battery	 Lifespan	Lithium-ion battery, 1300 mAh ~ 2.5 hours
Environmental conditions	Operating temperature Storage Atmospheric humidity	-10~+60 °C -20~+60 °C min. / max. storage temperature 0~90% atmospheric humidity

1.5   Service & support

If you experience any problems with the Falk Navigator, you can contact our telephone support service.

Hotline:

Germany:

For questions regarding the warranty and gurantee: **01805 32 55 46** (0.14 EUR/min. from a German landline, mobile phone prices may vary [max. 0.42 EUR/min.]).

For expert advice, help with set-up or configuration: **0900 132 55 00** (0.89 EUR/min. from a German landline, mobile phone prices may vary).

Switzerland: 0848 20 12 12 (cost of call 0.11 SFR/min.)

Austria: 0820 20 12 12 (cost of call 0.15 EUR/min.)

Internet: www.falk-navigation.de

Note on service: Please ensure before sending in your navigation device that **theft protection** has been deactivated as otherwise it is not possible to search for errors or make repairs.

The PIN number is stored on your PC; if your PC has been completely formatted or no longer works, it is not possible to restore your PIN number.

Falk does not accept any liability for expenditure incurred for any service that is required because you have forgotten your personal PIN number.

If the PIN number is activated when you send your device in to Falk Service (plus Service fee), you will be charged the costs of sending it back.

Please also note the instructions given in our **Service & Support** section on the Internet at **www.falk-navigation.de.**

2   Navigation

The Falk Navigator provides you with extensive functions which you can operate with ease from the main menu.

The first page of the menu provides an easy introduction to the most important navigation functions.

Select **Destination entry** to navigate to a destination directly.

Define a **Home address** in order to be guided home quickly and without any fuss from any location you find yourself at. Once you have defined a Home address, the view switches to "**Home**".

From the start menu you can access the **Navigation view** by tapping on **Map**.

The **Settings** button takes you to the Settings menu where you can configure your navigation device to your own particular needs. On the **Main menu** you can access other convenient functions of the Falk Navigator.

The following chapter describes the navigation functions in detail.

2.1   Start Assistant

The first time you turn on your navigation device or after you reset it to the factory default settings (cf. Chap. 2.5.23), the Start Assistant guides you through the essential **Basic settings** (cf. Chapter 2.5).

In the first part you define the **Language** which is to be used, the **Speaker** (optional), the **Country map** and the **Time zone**. This request cannot be skipped.

You can then make further **optional settings** which will each be explained to you in brief if you tap .

Optional settings:

- Profiles
- Route option
- Options for the map display
- Navigation settings
- Volume
- Brightness
- Day and night mode
- Top speed warner
- TMC stations
- Define Home

Tap on **Next** to make further settings. Tap on to read the explanations again.

Tap on **Ok** to save your entries.

You can tap **Back** to adjust the previous setting.

You can tap on **Cancel** to exit the Start Assistant. Your entries will not be saved.

You can use the **Settings menu** to adjust your settings at any time.

If necessary, you can restore the device to its default settings. To do this, select **Settings > Default settings**.

2.2 Navigation screen

In addition to your current position on the map view, the navigation screen also provides you with lots of extra information.
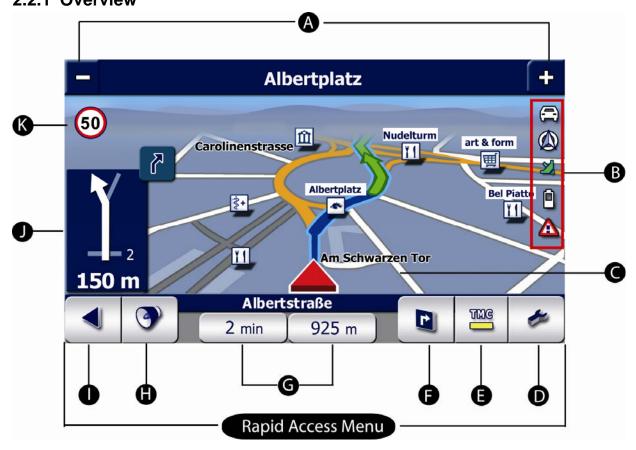
Safety note: The menus on the navigation screen which contain additional information should not be operated while you are driving as this may divert your attention from the road.

Your **current position** is marked on the map view by a red arrow.

The route which has been calculated by the Falk Navigator and on which you are travelling has a blue background on the map view. This allows you to see ahead to where the route is taking you.

You can get to the main menu of the application at any time by tapping on the main menu button.

2.2.1 Overview

A   Information bar

The information bar shows the next street name and, if applicable, the associated road number. When you are on a main road or motorway, additional direction indicators and exit numbers are displayed before a turnoff. This means that you are informed about the main road or motorway number or exit you will take next. This number is displayed in conjunction with a corresponding symbol.

Note: If your next manoeuvre is more than 5 km away, the information bar is hidden. If you are in Position Tracking mode, the information bar is automatically hidden.

Zoom – Map extract: You can use the **+/-** buttons to enlarge or reduce the size of the map extract (zoom in and out). If you activate one of the buttons, a slide control also appears which you can use to infinitely adjust the map size you desire. To do this, tap on the relevant point on the guide line.

B   Display area (status symbol)

The display area shows you what is currently going on by way of the status symbols. Depending on the status, the symbols may only be displayed temporarily. The following status symbols can be displayed.

Profile: The symbols Car 🚗, Motorbike 🏍️ Bicycle 🚲 and Pedestrian 🚶 tell you which profile you have currently set.

◎**Compass**: The compass symbol is used to display the direction in which you are travelling.

📡**GPS quality**: The satellite symbol shows the GPS quality currently available.

Red: Insufficient GPS signal to determine your position. Signals are being received from fewer than 3 satellites.

Yellow: The GPS signal is sufficient to determine your position, but not sufficient to determine elevation. Signals are being received from 3 satellites.

Green: You are receiving a high-quality GPS signal that allows your elevation to be determined. Signals are being received from at least 4 satellites.

🔋**Battery**: The battery indicator shows the remaining battery capacity for the device. It is first shown on the navigation screen when the remaining capacity falls to less than 30%. Once the remaining capacity falls below 15%, the battery indicator is shown in red. When the battery capacity drops below 10%, a prompt is displayed on the screen asking you to connect your device to a power supply. Once the device has been connected to a power source, the 🔋 symbol indicates that the navigation device is currently charging.

🔇**Mute**: If you mute the system volume controls, this is indicated on the navigation screen by a loudspeaker symbol with a line through it.

Note: You can adjust the system volume settings via the rapid access menu or the settings menu. To do this, tap the loudspeaker symbol on the navigation screen.

📱 **Mobile phone** (optional): This symbol is shown if there is an active phone connection as part of the Bluetooth® function which has been activated. If the mobile phone symbol is displayed, the mute symbol is switched off. Please consult Chapter 2.7 for more detailed information on how to make phone calls using Bluetooth®.

⚠️**Speed camera detector** (optional): The warning triangle tells you if you have activated the speed camera detector or not. If you encounter a fixed speed camera on your journey, you will see a corresponding alert icon along the route on the navigation screen. Please consult the Navigator settings chapter 2.5 for details on how to activate the speed camera detector.

Note: If you have downloaded speed camera detector data from the Internet onto your navigation device using the PC program Falk Navi-Manager (cf. Chap. 5) and activated this data via the Settings menu, you will, on the basis of what speed is permitted, receive a visual

and audible warning for the first time at least 50 m before a fixed speed camera and for the second time at least 15 m before a fixed speed camera.

Note: For terms and conditions on the use of the speed camera detector, please consult Chapter 2.5.3.

C   Map

The scale of the map display is dependent on the speed you are travelling at. The more slowly you drive, the more detailed a map will be displayed.
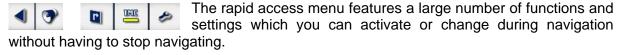
Note: The autozoom functions can be deactivated via the Settings menu (cf. Map display 2.5.1).

Moving the map: The section of the map which is displayed can be moved. To do this, tap the map and, at the same time, drag it in the direction you want to see. This allows you to follow the path of the calculated route.

If you want to realign the vehicle position in the map in the direction of travel, tap on the **Centre** button which is displayed on the navigation screen when moving the map.

Map scale: The display shows you which scale is currently being used. When you press the zoom button, the map scale is shown to you on the info bar on the 2D view. The scale of the map display will change dynamically depending on the speed of your vehicle and the zoom level which is set.

D   Rapid access menu – Functions

The rapid access menu features a large number of functions and settings which you can activate or change during navigation without having to stop navigating.

Rapid access menu

Via the **Functions** rapid access menu, you can call up information, make settings or activate functions.

You can adapt the functions which are available on the rapid access menu to reflect your own personal needs in the settings menu under **Settings>Rapid access menu** (see Chap. 2.5.26 Set rapid access menu).

All functions and settings are described in the following chapters.

E   Rapid access menu- TMC traffic messages (optional)

Depending on the TMC settings you made in the TMC settings menu, your Falk Navigator receives TMC and/or TMCpro (optional) traffic messages during your trip and processes this information during route calculation. A coloured bar continuously indicates the TMC status on the navigation screen.

Grey: No reception of TMC or TMCpro traffic messages.

Possible causes may be:

- TMC/TMCpro (optional) are deactivated on the Settings menu
- The TMC antenna is positioned incorrectly
- An unknown TMC encryption format is being received
- No TMC station is available in the region

- Your product is not TMC/TMCpro-compatible (not supplied with all products)

Green: A TMC transmitter is being received. However, there are no current TMC messages regarding traffic problems.

Yellow: There are current TMC / TMCpro messages. However, traffic on the calculated route is not affected.

Red: There are current TMC / TMCpro messages and at least one of them affects the calculated route.

Note: Even if you can receive a radio station with traffic reports on your car radio, the TMC status may be displayed "**grey**" on account of the above restrictions.

Note: When you are in Position Tracking mode, the TMC bar never changes to red since you are not navigating a calculated route.

Note: The display remains yellow if there are traffic jams on your route but they are not located within the next **50 km**. For example, when you are driving from Stuttgart to Hamburg, you do not need to know whether there are traffic jams in the vicinity of Hamburg at the start of your trip. When you reach your destination a few hours later, the traffic jam may have already cleared.

If you tap on the button you will receive brief additional traffic information on the route you are taking. The split screen will show a list of information on traffic jams along your route.

The list will include a symbol showing the reason for each jam (queue of traffic, roadworks); your distance from the traffic jam is shown underneath along with the TMCpro symbol (optional), the road number and the length of the tail-back (on the right). The list is arranged in descending order of distance from your present position so that the nearest jam is at the head of the list. If you tap on **Display all**, a detailed **list** of **traffic jam reports** will be displayed.

Note: Only a limited number of entries can be shown in the case of navigation devices with a 8.9 cm (3.5") screen.

Tapping on the button Automatic search initiates a search for a transmitter providing information on traffic congestion. The automatic search stops if a transmitter with this information is found.

You can select one of the items on the list by tapping on it. A screen with detailed information will then open. You will also receive a description of the traffic problem and the approximate delay.

Take traffic jam information into account

If there are one or more traffic jams (**red display**) on your **calculated route**, you can consider these in calculating your route.

Tap on **Consider**, An alternative route will be calculated.

The alternative route which is calculated will be shown to you in comparison with your current route.

If you tap on **Avoid**, the alternative route will be calculated and used for the rest of your navigation to your destination.

If you tap on **Cancel**, the current route will be retained.

In order to reset the avoidance of traffic jams, tap in the main menu on **Rerouting>Rerouting manager**. All blockages are displayed in a list. Select the blockage you want and delete it.

Note: If traffic has completely stopped, the display shows "Expected delay approximately > 1 hour."

If you tap on the **Display** button, the screen will switch to the map display and you will see the position of the traffic jam on the map view.

F   Rapid access menu - Split screen (optional)

On products with a 4.3" display, additional functions can be called up via the rapid access menu.

To set the split screen, go to the Settings menu> Map display> Large arrow display or Split screen map (Split Screen Pro).

Manoeuvre box with large arrow display: The manoeuvre box indicates the direction of the next turn-off using an arrow; at intersections, other streets are also shown as well as the distance to the next manoeuvre. If you are on a roundabout, streets that come off the roundabout are also shown in addition to the turnoff arrow.

Relevant cross-streets and intersections before the next turnoff are also displayed. The numbers indicate how many cross streets/intersections you still have to pass before you turn off.

The bar on the left next to the directional arrow shows you the remaining distance to your next manoeuvre.

Split Screen Pro (optional)

2D map view: This view makes it easier for you to get your bearings and gives you a better overview of complex traffic situations.

The zoom levels, and therefore the size of the small map shown, can be changed manually using the **-/+** button.

H   Rapid access menu - Volume

When you call up the loudspeaker symbol, you can control the volume. You control the volume by clicking on the **+/-** button. If you want to turn the sound off completely, tap on the loudspeaker symbol. **Advanced** allows you to make volume settings for speakers, Travel Guide, MP3 Player, system beeps and Bluetooth® (optional).

I   Rapid access menu - Main menu button

Tapping on this button takes you to the **Main menu** for the Navigator functions.

G   Route information

The two buttons on the navigation view provide you with extensive **travel information** about your route and your position. You can adapt the information to your own personal needs.

Tap on one of the two buttons containing the travel information in order to set the display to meet your own requirements.

You will be shown a selection list in which the route information (e.g. altitude, current speed, time, distance to destination, arrival time, remaining journey time) is listed in alphabetical order. Select an item of travel information and confirm by clicking **OK**. The selected information is now shown on the button.

G   Lane assistant

The lane assistant makes it easier for you to work out where you are on roads with several lanes and at complex intersections, i.e. on motorways, at motorway junctions, on main roads and roads of great importance (e.g. heading towards an airport).

The lane assistant indicates which of the possible lanes you need to get into when approaching a turning.

The lane which is ideal for your route is indicated by a **white arrow**, which takes you to your **next turn-off manoeuvre**. Blue arrows indicate further lanes, but you should not travel in these lanes.

J   Manoeuvre box

The manoeuvre box indicates the **direction of the next turn-off** using an arrow; at intersections, other streets are also shown as well as the distance to the next manoeuvre. If you are on a roundabout, streets that come off the roundabout are also shown in addition to the turnoff arrow.

Relevant cross-streets and intersections before the next turnoff are also displayed. The numbers indicate how many cross streets/intersections you still have to pass before you turn off.

Note: If you click on the manoeuvre box, the system will announce the next turn-off command again.

Manoeuvre preview

If you have to undertake several manoeuvres in quick succession, the next manoeuvre but one is indicated in the form of a direction arrow to the right of the manoeuvre box to help you find your way in good time.

K   Top speed warner (speed warner)

The top speed warner will show you the relevant maximum speeds on motorways and main roads in the form of traffic sign. If you exceed the speed limit by the margin that you have defined for yourself, a warning triangle is displayed on the left navigation screen. Depending on the settings, you are also provided with an audible warning.

The speed warning feature must first be activated in the settings menu. You can also establish your personal speed limits there.

Speed limits that are linked to specific conditions such as the weather or time of day are indicated by symbols such as a rain cloud or a clock.

2.2.2 Reality view (optional)

Reality view is the realistic portrayal of motorway junctions, intersections and exits. The portrayal shows in reality which lane you should choose and which signs you should follow.

Requirement: Reality view has been activated.

How to active reality view: Main menu> Settings> Map display> Reality view on/off.

Reality view is shown when during a journey on a motorway you approach the following points:

- motorway junction
- motorway intersection
- exits at which you leave the motorway

The display remains static until you pass the point which is shown and it then switches back to the navigation display.

The manoeuvre box which is shown automatically shows you the distance to your next manoeuvre. To exit reality view early, tap on the reality view shown on the screen and the display will revert back to the navigation view.

Note: The availability of reality view will depend on what map material is used and is only shown if a route has been calculated. Reality view is not available for all motorway junctions and intersections.

2.2.3 Clickable POIs

With just one click on a POI icon on the map, you can easily display all the information you need to know about the POIs which are shown and select them for route calculation.

Select a POI icon on the map about which you would like to know more information. Briefly tap on this icon. The POI will then be shown in an info window.

You can tap on the arrow buttons in the info window to display all of the other POIs which are located within a certain radius. If you tap on the POI name in the info window, you will get to the POI detailed view, where you can view further information and start calculating the route to the POI if you wish.

Tap on **Close** in the info window or on **Centre** at the bottom edge of the screen to switch back to the map view.

2.2.4 Clickable 3D buildings (optional)

Just like the POIs, you can also click the 3D buildings. If you tap on the name in the info window, you will get to the POI detailed view.

Tap on **Close** in the info window or on **Centre** at the bottom edge of the screen to switch back to the map view. For more information on the 3D buildings, see chapter 2.5.1.

2.3 Destination entry

Note: The functions **Destination entry**, **Route planning**, **Tours** and **Position Tracking** are not available when there is no map material. Make sure you have installed appropriate maps before using one of these functions. When the products are supplied, map material is already preinstalled on your navigation device and/or an SD card. You can install additional map material which is enclosed with some product types or is available to purchase commercially on your device or an SD memory card. You will find more detailed information on map transfer in the chapter on the Falk Navi-Manager (cf. Chapter 5).

GPS status

The fundamental basis for any navigation is sufficient satellite coverage so that your location can be continuously determined with the aid of a GPS (Global Positioning System) signal.

To find out how to check the GPS status of your device, please consult Chapter 5.5.12.

Note: The first time the device is turned on, it may take a few minutes to recognise the GPS position. Your position will be recognised more quickly when the device is turned on on subsequent occasions.

If you accidentally miss a turnoff or take an incorrect turn, a new route is calculated automatically. You are safely guided to your desired destination by navigation announcements; the screen also displays your current position and the route you need to take.

You will automatically be in **Position Tracking mode** if you are not navigating to a specific destination or are not in **Simulation mode**. Even if you are not heading for a particular destination and would just like to explore the local area, you can nevertheless have the navigation screen show your current position at all times.

You can exit navigation or simulation on the main menu by tapping the button **Delete route** or **Delete simulation**.

On the program screen tap on **Destination entry**.

Using the destination entry button, you can enter a destination of your choice and have the navigation device guide you there conveniently. With the Falk Navigator, you can navigate to a specific house number (depending on the map information available).

The destination can be selected in one of several ways.

- By entering an address
- By selecting the home address
- By selecting a favourite
- By selecting a recent destination
- By selecting a special destination (POI)
- By using the Travel Guide
- By using tours
- By selecting a point on the map
- By entering geo-coordinates

You do not always have to enter the whole of the address in order to select a destination. All you need to do is select a country and a city and, if applicable, a street in order to calculate a route or in order to refine the destination entry on the map view or via the POI search.

Destination entry menu order

Determine your own personal menu order in order to be able to access the **Destination entry options** which are important to you quickly and with ease.

Tap on **Destination entry> Arrange Menu**.

All of the destination entry options are available to you on a list. With the **arrow keys on the left** you can scroll through the list.

Select the function whose position you would like to change by tapping on it. With the **angular arrows on the right** you can move the previously selected function to another point on the list.

Confirm the change by tapping on **OK**.

If you tap **Restore**, you can restore the original settings.

2.3.1 Destination entry by entering an address

Tap on the destination selection screen on **Address**.

Choose country

The currently selected **country** appears in the top-right corner of the screen and is identified by the corresponding **national flag.** Tap the button in order to select a different country.

The **Choose country** screen is displayed. All of the installed national maps with a detailed road network are listed in alphabetical order. Use the arrow keys to scroll through the list of countries.

Note: You can only enter a destination if a map for the destination country is installed on your navigation device.

Attention: Depending on the type of product, not all of the detailed maps which are supplied are preinstalled on the navigation device.

All of the country maps which are supplied for your navigation system can be found on the enclosed Content+Falk Navi-Manager DVD. You can transfer these country maps to your navigation device using the Falk Navi-Manager PC program. Read Chapter 5 for more information about this.

You can obtain up-to-date country maps e.g. as a **Falk map subscription** on the Internet via the **Falk Online Shop** at *http://shop.gofalk.com/falk/*.

Note: For cross-national route calculations, you must have the country maps for the destination country as well as the countries which you must travel through along your route. If you do not have all of the country maps for the countries in between, the European network of main trunk roads must be installed in order that you can reach your destination country.

World regions

If you would like to head for a destination located in a country outside Europe, you should tap the **World regions** button.

Note: The World regions button is only shown to you if an appropriate country map has been installed.

You can obtain country maps outside of Europe (e.g. **North America**) on the Internet via the Falk Online Shop at ***http://shop.gofalk.com/falk/***.

All available world regions will be shown in the form of a list. Tapping an entry in the list selects that entry. You can then confirm your selection by tapping **Ok**.

Note on trips to Russia or the Ukraine: If the country map you have chosen is for a country which uses the Cyrillic font (e.g. Russia, Belarus, Ukraine), you then have the option of using the **Cyrillic keypad** to enable you to accurately enter destinations in these countries.

To do this, tap on the button. **АБВ** The Cyrillic keypad will appear.

To switch back to the Latin keypad, tap on the button. **ABC**

Once you have selected the destination country, use the on-screen keypad to enter the **destination city** (e.g. Berlin). This will appear in the selection window when you select a letter.

To see a list of more possible cities that fit your entry tap the keyboard button.

To enter special characters, tap for approx. 2 seconds on the relevant letter (e.g. to select an Ä, on the letter A). A selection window for special characters will open up from which you can now select the special character you desire.

Here you will also find special characters for all of the letters in the languages which are available on the Falk Navigator.

Automatic word recognition: An **automatic word recognition** function (look-ahead function) is available to you when you enter information; it makes data entry quick and easy.

The Falk Navigator has a stored list of possible place names. This list is filtered according to the letters you have entered. Letters that are no longer applicable are hidden. Usually, you do not have to enter the entire place name. The integrated partial word search ensures that, for composite street names, a search is also performed for text strings that are not at the beginning of the street name. For example, entering "**Gmünd**" is sufficient when you are searching for "**Schwäbisch Gmünd**". Combined with the look-ahead function and the ability to enter disintegrated umlauts, this example displays the desired result once "**Gm**" has been entered.

You can scroll through the list of search results using the arrow keys.

Once you find the desired destination town/city, confirm your selection by tapping the **place name** or tapping **Next**.

Choose postcode

Alternatively, the address can also be entered using the **postcode**. To enter a numerical postcode, tap on the destination entry screen on the [123] button. Enter the postcode using the numerical keypad. The selected postcode and city are shown.

Note: If you do not wish to further restrict your search by selecting a street and / or street address but simply want to navigate to the centre of the destination town/city, simply tap the **Calculate** button after you select the place name. Before you tap Calculate, you can also tap the **Map** button in order to view the destination **address on the map**.

Choose street

Enter the **destination street** (e.g. Unter den Linden). **Confirm** the street name by tapping the street or confirm by tapping **Next**.

Choose street address

Enter the **street address** (e.g. "6"). **Confirm** your selection by tapping the number or the **Calculate** button. The route is calculated.

If you accidentally enter a non-existent street address, the look-ahead function provides you with a choice of valid selections.

Note: When town/city and street names are entered for the first time, they are stored and displayed at the top of the **Previous destinations** list the next time you enter a destination. You can use the arrow keys to navigate through the displayed list.

You can erase the items on this list by selecting **Clear history** in the settings menu.

Note: If the destination you have entered is **not unique** because there are multiple occurrences of the address in the destination town/city, another screen is displayed prior to route calculation. This screen displays a list of all choices that match the information you have entered; they are identified with their postal code and the name of the district. You can tap the Map button in order to preview the destination in the map view. Tap **Calculate** in order to calculate the route to the selected destination town/city. The route calculation to the selected destination town/city starts.

Route options

Before the route is calculated, you are given the option of changing the current route options.

Requirement: The option **Ask route options** must be activated in the settings menu.

You can choose:

- **Profile:** Car, Motorbike, Bicycle, Pedestrian
- **Option for route calculation:** clever, fast, short or economical
- **Option to avoid routes via:** motorways, ferries, toll roads, tunnels and roads where

you have to display a vignette.

Note: The route options available depend on the selected profile.

Ask departure time

Every time you navigate using the "**Clever**" route option, the current time and the current day of the week will be used by the system. If you wish to plan a tour or actually wish to travel the route at a different time, you have the option of entering the day and the time you desire prior to calculating the route. This is the only way to ensure that the information available at this time about the volume of traffic which you have obtained from Intelligent Navigation can be used in a meaningful way on the route.

Requirement: To be able to define a point in time, the button **Ask departure time** must be activated on the **Settings menu**.

Note: If you do not define a different time for the start of your navigation, the current system time will always be used for calculating the route.

You can use the arrow keys by the box on the left to define the day of the week on which you wish to travel. To do this, tap on the up and down arrows.

Note: If you want to travel on a **public holiday**, set the day of the week to **Sunday**.

In the other boxes, you can enter the **time** you are planning to set off at. To do this, use the arrow buttons to select the hours (middle) and the minutes (right).

You will find further information about **Learning navigation** in the section on Route options 6.

If you do not want to change these settings, the route calculation can be started immediately by tapping on the **Calculate** button.

Route calculation will take a few seconds, depending on your distance from your chosen destination.

Destination entry by selecting from the map view

If you do not know the exact address of your destination but know where it is located on the map, you can manually select it from the map view.

To do so, first enter the **country** and the **town/city** and confirm your selection by tapping the corresponding line in the search results list. The centre of the town/city will be marked.

Tap the Map button. Tapping the +/- buttons in the map view will bring up a scroll bar. You can enlarge or reduce the map view using the scroll bar.

On the map, tap the location of your desired destination. The destination symbol which takes the form of a push-pin is moved to this location.

Tap **Calculate** in order to start the route calculation process. Before the route is calculated, you have the option of changing the Route options (see Chapter 2.4.1) provided that you have activated the **Ask route options** menu point in the settings menu. However, you can begin calculating the route at any time by tapping **Calculate** again.

Route calculation - Show route description and alternative routes

After the route has successfully been calculated, you will be shown the route on an overview map. You can continue to view the **Route description**/**Route list**, or select an **Alternative route.**

Route list

To see this, tap on   .

If you are already navigating, please select **Main menu>Route profile.**

You will be shown the following information in the form of a list:

- The name of the respective road.

- The route which is being travelled along on the respective road.

- With federal highways or motorways, the abbreviation (e.g. B10) and the exit at which you will leave the road.

- The destination is shown on a bar at the bottom of the screen.

You can tap the **Navigation** button to switch to navigation.

Alternative routes

After you have entered a destination, you can have further alternative routes calculated in addition to your calculated route.

Tap on the button

The alternative route is calculated on the preset profile and the selected routes to be avoided (e.g. depending on your settings without toll roads).

On the map view screen, you will be offered two further alternative routes in addition to the calculated route. Furthermore, you can view your **current position**, **distance** and **travel time** and your preset **profile**.

Select an **alternative route** at the lower edge of the screen.

Tap on   to show the route description for the selected alternative route.

Tap on **Navigation** to select the alternative route for route calculation.

Note: When you make a selection from the route list, other alternative routes are deleted.

2.3.2 Destination entry by selecting the home address (Home)

If you have already established a home address in the settings menu, you can select it as your starting or destination address using the **Home** button in the destination selection screen. The route is then calculated automatically. You do not need to confirm your selection again.

If you have not yet entered your home address, the **Set home** button is displayed instead of the **Home** button when you select your destination. When you tap this button, you are given the option of either selecting as your home address an address, a favourite, one of the recent destinations or a special or Travel Guide destination or entering geo-coordinates. When you next open the destination selection screen, the **Home** button will be displayed. This indicates that the home address which you previously selected has been saved.

2.3.3 Destination entry by selecting one of the recent destinations

With the Falk Navigator, you can select recent destinations quickly and easily. Destinations are continuously stored in a list and are displayed in the destination selection screen by tapping the **Recent destinations** button.

Select **Recent destinations** in the destination selection screen.

Select a destination. You can use the arrow keys to scroll through the list or search for the correct entry by entering the name using the on-screen keypad .

Tap **Calculate** in order to start the route calculation process.

Note: The Falk Navigator stores up to 20 recent destinations and then overwrites them starting with the first entry again.

If you have activated the **Ask route options** function in the settings menu, you have the option of changing the route options currently selected (see Chapter 2.4.1). However, you can begin calculating the route at any time by tapping **Calculate** again.

Departure time: Every time you navigate using the "**Clever**" route option, the current time and the current day of the week will be used by the system. If you wish to plan a tour or actually wish to travel the route at a different time, you have the option of entering the day and the time you desire prior to calculating the route. This is the only way to ensure that the information available at this time about the volume of traffic which you have obtained from Intelligent Navigation can be used in a meaningful way on the route.

You will find further information about Learning Navigation in the Route options section.

2.3.4 Destination entry by selecting a favourite

The My Favourites button allows you to select destinations. You can also manage favourites here. You will find more detailed information about this, and discover how to create favourites, in Chapter 2.4.6.

In order to select a saved favourite destination, tap on the **Destination entry** button in the main menu and then on **My Favourites**. The names of the destinations which you have saved will then be displayed in alphabetical order.

Select a destination. You can use the arrow keys to scroll through the list or search for the correct entry by entering the name using the on-screen keypad .

Tap **Calculate** in order to start the route calculation process.

2.3.5 Destination entry by selecting a special destination (POI)

Instead of entering a complete address, you can search for special destinations (POIs) in a town/city or on a street; addresses for special destinations and, in certain cases, further information are stored in the Falk Navigator. These special destinations are divided into categories and frequently help you locate places of interest, **attractions**, **hotels**, **restaurants**, and much more.

You can choose the POI categories when you select your destination, but also access this function during navigation via the rapid access menu.

In both cases, you should tap on the **POI** button in order to start the search for POIs.

You should first select a **POI category**. The most important POI categories are **Parking**, **Petrol stations**, **Restaurants**, **Rest areas** and **Hotels**.

All other POI categories are summarised under **All categories**. When you click on All **categories**, a list opens containing additional POI categories from which you can select one, several or all categories by tapping on them.

Note: Depending on whether you have defined personal favourites, you will be shown them in the category ("My POIs").

Using the **Full-text search** button, you can search for a specific POI within a number of categories. A search for the term is performed within the categories which were previously selected by tapping.

Enter the name or part of the name of the POI, e.g. tower, using the keypad. A search for the term entered will then be performed among the headings and descriptions for the special destinations in the categories selected.

Once you select a special destination category, you will be prompted to select a search area for special destinations. You can search for special destinations in the vicinity of your **current location** or your **current destination**, **along the route** or in the vicinity of a **town/city centre**, an **address**, a **favourite**, an additional **special destination** or a **point on the map**.

Tip: If you want to search for a special destination in the vicinity of your **current location** but the navigation system has not yet established your current **GPS position**, a map view is displayed. The last saved location is displayed in the map view. If it matches your current location, select **Next**.

If the position does not match, select your **current position** on the map view.

Note: If your device has not yet been recognised by the Global Positioning System (GPS) satellites or if your location has changed, you can update your **current position** by selecting the **Update position** button. You can only search the vicinity of your **current destination** if you have selected one. If you want to search in the vicinity of an **address** or the **centre of a**

town / city, you are prompted to enter the address or the name of the town / city using the keypad.

Tip: For example, you would like to navigate to a place of interest, e.g. the Reichstag in Berlin, but you do not know where you can park. The **Special destination search** function for the area surrounding a Special destination enables you to navigate to **special destinations** such as **car parks** or **restaurants** located in the vicinity of the current special

destination. Tap on to search for an additional special destination.

Your current position is displayed when you tap **Position on the map**. In this view, you can manually **select a town/city** in the vicinity of which you would like to search for special destinations. If the desired town/city is not visible on the map, you can tap the map and scroll by dragging it. Tapping on the map moves the pin and establishes a new position.
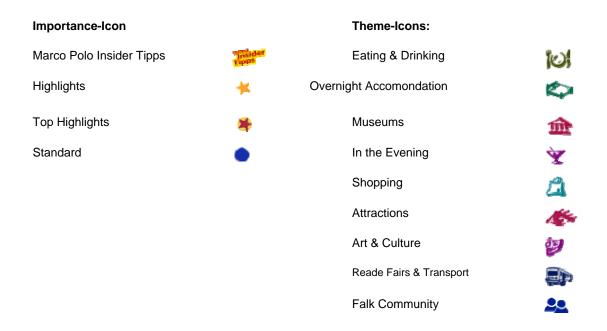
After you have established the central point for your search, all available POIs will be shown in a list in the order of their proximity to this central search point.

Note: The distances in the POI list indicate the distance to the central search point as the crow flies. The exact distance to be covered is not determined until the route is calculated.

It is possible to scroll through lists of special destinations using the arrow keys. The name and distance as well as an importance icon and, where appropriate, a theme icon are displayed for each entry in the list and will subsequently be provided with a list of search results.

Importance-Icon		**Theme-Icons:**	
Marco Polo Insider Tipps		Eating & Drinking	
Highlights		Overnight Accomondation	
Top Highlights		Museums	
Standard		In the Evening	
		Shopping	
		Attractions	
		Art & Culture	
		Reade Fairs & Transport	
		Falk Community	

In the box at the top, you can search for a specific term within the POI list using the keypad. This can be brought up by tapping the button. For example, if you enter "RE" in the box, those POIs which begin with the letters "RE" will then be displayed.

You can select a POI by clicking on an entry in the list. By clicking on the POI again, you can switch to the **detailed view for the POI** (see Chapter 3.3). In the detailed view you can see

the address for the POI and, if applicable, further information such as opening times. However, you can start route calculation at any time by tapping on the **Calculate** button again.

2.3.6 Destination entry by selecting a Travel Guide destination

You can select a destination from the Travel Guide using the **Travel Guide** button in the destination entry screen.

You must first establish where you would like to search for the destination. You can select the **current location**, a **current destination** (if you are navigating to a destination), a **town/city centre**, your **home address**, a **favourite** or a **recent position** as a central point for the search.

The data records are calculated. You must then establish the theme category in which you would like to search for the destination. The themes available are Top Highlights, In the Evening, Shopping, Eating & Drinking, Art & Culture, Trade Fairs & Transport, Museums, Attractions, Overnight Accommodation and all available categories at a glance.

Each theme category is subdivided into further sub-categories. For more information on the category system of the Travel Guide, please see Chapter 3.2.

A list with special destination entries (POI list) will be displayed for each **sub-category** which you select. You can tap on a list entry to select it and then begin calculating the route by clicking on the **Calculate** button.

Before you start calculating a route, you can look at the POI in the **detailed view**. You can get to the detailed view by selecting the relevant entry and then tapping on it again. You can find further information in Chapter 3.3.

You can start calculating the route to your chosen POI by tapping the **Calculate** button.

2.3.7 Destination entry using tours

You can select several interim destinations and organise them into a tour with your Falk Navigator. This function can be used to plan a route to several subsequent destinations. You determine the sequence of the destinations. The Falk Navigator guides you from the first to the final destination on your tour in the sequence you have established. All you need to do is confirm your arrival at each interim destination.

Tap the **Tours** button on the destination entry screen.

You can either create a new tour or select an existing tour in order to navigate to the same interim destinations or to make changes to the list.

You can find further information on how to create a tour in Chapter 2.4.10.

2.3.8 Destination entry by clicking on the map - Location

You can select a destination by clicking directly on the map.

Requirement: GPS reception is available.

Select **Click on map** on the destination entry screen.

Your current or last GPS position will be displayed on the map. By manually moving the map with your finger, you can select the destination you want and mark your destination by tapping on it once on the map.

A PIN needle indicates your chosen destination. Start the **route calculation** by tapping on **Calculate**.

You will find further options on **Route calculation** and on **Alternative routes** in Chapter 2.3.1.

2.3.9 Destination entry using geo-coordinates

To enter a location (geo-position) using coordinates, you should tap the **Geo-coordinates** button.

You can select the format in which geocoordinates should be entered by tapping on one of the three buttons on the top of the screen.

You can use the buttons at the top of the screen to select the format in which geocoordinates should be entered and displayed.

You can choose from the following formats:

Degrees, decimal minutes (dd°mm.mmmm´)

Degrees, minutes, seconds (dd°mm´ss.ss")

Decimal degrees (dd.ddddd°)
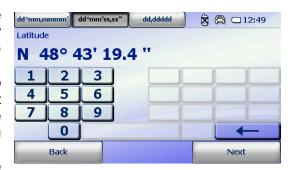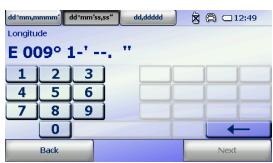
Degree of latitude: The degree of latitude specifies the distance in a northerly or southerly direction with respect to a zero point on the earth's surface. This zero point is the equator. Latitude is expressed in values between the zero point and the poles (±90°). You should first select whether the desired position is located in the northern or southern hemisphere. To do so, you should select either the letter N or S. The letters N and S determine the sign preceding the coordinate (N = +, S = -, equator = 0). You should then enter the desired degree of latitude.

Longitude: By determining the longitude, you establish a position which is to the east or west of a defined north-south line. This line is the zero meridian. Longitude is measured starting from the zero meridian as far as 180° in either an easterly or westerly direction. To enter the degree of longitude, select the letter E or W and then specify the desired degree of longitude.

Example: The coordinates for Marco-Polo-Str. 1 in Ostfildern can be entered as follows:

Entry in degrees:

N 48°43´19.4´´, O009°13`24,3´´

Note: When the degree of longitude is entered in degrees, three digits are displayed on the navigation device (max. 180 degrees east or west). When entering a single-digit or two-digit degree of longitude, please ensure that the digit(s) is/are preceded by two or one zeros as appropriate (e.g. 009° or 013°).

As soon as a set of complete coordinates has been entered, these coordinates together with an available address will be displayed. However, this information can be displayed and used

as a destination for the Navigator only if the geo-position specified is located within the map information installed on the device.

In addition, the geo-position specified can be viewed on the map and changed manually by moving the pin (i.e. by clicking on the map). In order to open the map view, you must first tap the **Map** button.

If the geo-coordinates which you have entered are correct, tap the **Calculate** button and the route will subsequently be calculated.

2.3.10 Entering a destination as a stopover destination

Once you have calculated your route, you have the option of entering a stop-off destination for your route

Requirement: Route has been calculated and you have started navigation.

Select **Main menu > Destination entry**. Choose the type of destination entry and then enter a destination. Tap on **Calculate**.

Choose whether the newly entered address should be regarded as a **stopover destination** or as a new **destination**. If you choose it as your **destination**, the previous routing will be changed and the new destination will be navigated to.

Note: You can only ever enter one stop-off destination. When you enter one new stop-off destination, the previous one is deleted.

Note: You can cancel the navigation to a stop-off destination and continue to your main destination by clicking the button (next destination) on the main menu or on the rapid-access menu.

2.3.11 Park & Go

Once you have arrived at your chosen destination, you have the option to search for the nearest parking space in the vicinity of your destination. To do this, tap on the **Parking** button which is shown.

If your destination is a point of interest (POI), when you arrive you can switch directly to the detailed view of the POI. To do this, tap on the **POI Detail** button**.**

If you are proceeding through a tour and the destination is not the final one of the tour, you can tap on the **Next destination** button to start routing to the next destination on the tour.

2.4   Navigator functions

2.4.1 Bus & Train - Navigation by local public transport

The public transport function allows you to incorporate means of public transport into your route calculation. The stops which are situated nearest to your start and destination points are selected. The route guidance takes you to the starting stop and from the destination stop to your final destination. The route calculation includes the approximate journey times for the means of public transport which are used.

Tap in the main menu on **Bus & Train**.

Enter your **destination** (see Destination entry).

Confirm your entry by tapping **OK**.

A list appears containing the starting point, the starting stop and destination stop for the means of public transport and your final destination point. The stops can be changed by tapping on the picture at the end of the relevant line. An alternative stop can be selected from a list. The stops are shown arranged by their distance from the starting point or destination point.

With the starting point and destination point, you can tap on the picture at the end of the relevant line to stipulate whether you wish to travel to (or from) the relevant stop by car, motorbike, bicycle or as a pedestrian.

Tap on **Calculate** to confirm your selection and start calculating your route. Tap on **Navigation** in order to start the routing to your starting stop.

Once you have arrived at the starting stop, the public transport route is automatically displayed on the navigation screen.

Note: The automatic switchover depends on the GPS signal. As it is often not possible to receive the GPS signal inside buildings and in underground stations, it may be the case that the device will not switch over automatically. In this case, you can switch over manually. To do this, select **Main menu>Bus & Train connection**. Tap on **Get on**.

On the navigation screen, you can use your finger to move the list up and down while you are travelling on public transport. If you tap on an entry in the list, the stop will be shown on the map. You can use the **Position** button to return the map to the current position. By tapping on **Bus & Train connection**, you can view the whole route.

Once you arrive at your destination stop, the navigation automatically switches to routing you to your final destination point.

Note: The automatic switchover depends on the GPS signal. As it is often not possible to receive the GPS signal inside buildings and in underground stations, it may be the case that

the device will not switch over automatically. In this case, you can switch over manually. To do this, select **Main menu>Bus & Train connection**. Tap on **Get off**.

2.4.2 Destination entry/simulation via the route planner

You can use the route planner to plan and preview routes in advance from the comfort of your home. Not only can you display the route and travel time, but you can also simulate the calculated route on your mobile Falk navigation device. The route planner has a similar structure as the destination entry menu. All you need to do is enter a starting point first.

The starting point is then replaced by the current GPS position in the Destination entry screen. To plan a route, proceed as follows.

Tap **Route planner** in the main menu.

Enter a starting address, select a **favourite**, one of your **recent destinations**, your **home address**, a **special destination** or a **Travel Guide destination**, or enter a set of **geo-coordinates**. Tap the **Map** symbol in order to view the address you have entered on the map or to manually select the starting point by tapping the map.

Confirm your selection with **OK**.

Now enter a **destination address** or select a **favourite**, one of your **recent destinations**, your **home address**, a **special destination** or a **Travel Guide destination**, or enter a set of geo-coordinates. Tap **Calculate** in order to start the route calculation process. Tap Back to return to the **destination selection** screen.

Note: The starting point and destination must not be identical.

If you have activated the Ask route options function in the settings menu, you will be given the option of changing the route options previously selected before you actually begin calculating the route.

However, you can cancel any changes to your route options (3 different screens) by tapping Calculate beforehand.

Various buttons are available once the route has been calculated.

You can use the **arrow keys** to display the route sections from the starting point to the destination in stages using a route list.

Select **Back** to exit route planning and return to the starting address entry screen.

Select the **Simulation** button in order to simulate the calculated route. Note that the simulation proceeds more quickly than actual navigation.

Select **Navigation** to launch navigation to the destination address established during route planning. The starting address is replaced by your current location.

To cancel a **simulation/navigation**, tap on the button **Delete Route.** This will take you back to the main menu. Once you are back in the main menu, you can simply enter a new destination via the destination entry screen. The current route will be replaced when a new route is calculated.

If you do not wish to enter a destination and would prefer to switch to the **position tracking** mode instead, you should select the **Delete route** or **Delete simulation** option in the main menu.

Bus & Train route planner

The public transport route planner allows you to plan routes which involve the use of public transport in comfort from your own home. The Bus & Train route planner has a similar structure to the route planner.

Tap in the main menu on **Route planner** and select "**By Bus & Train**".

Enter a starting point and destination point and tap on **Calculate**.

A list will appear showing the starting point, the public transport stops used and the destination point. The stations can be changed by tapping on the picture at the end of the relevant line.

With the starting point and destination point, you can tap on the picture at the end of the relevant line to stipulate whether you wish to travel to (or from) the relevant stop by car, motorbike, bicycle or as a pedestrian.

With the public transport stops, an alternative stop can be selected from a list. The stops are shown arranged by their distance from the starting point or destination point.

Tap on **Calculate** to start calculating your route.

For more information about the further functions for navigation by public transport, please consult Chapter 2.4.1.

2.4.3 Route options

On the main menu you can set the **Route options** for your route. Route options determine which criteria should be used to optimise the route and whether certain means of transport (e.g. ferry connections) should be excluded from the route calculation.

Note: The route options available will depend on the selected **profile** (cf. Profiles 2.4.12).

Choose route option

Note: If in the first step you select bicycle or pedestrian navigation, the route can **not** be optimised based on the following route options.

If you have selected the **Car profile**, you can choose between the following route options:

- **Clever:** You have the option of using the **Learning Navigation** data (routing dependent on the day and time of day) (cf. Chap. 6) for your navigation device. The cleverest route which leads you to your destination as quickly as possible is calculated automatically.

Note: If you do not agree to exchange data with the Falk Community (cf. Chap. 5), the device will revert at this point to preinstalled learning navigation data.

- **Fast:** The fastest route to your destination will be calculated, but this may not be the cleverest because current traffic volumes are not taken into account.
- **Short:** The shortest, sensible route to your destination will be calculated. But this may not always be the fastest.

Economical: You will be given the route which represents the best compromise between time and distance. In weighing up the alternatives, consideration is also given to the fact that the time gained from travelling at higher speeds may well also result in a higher level of petrol consumption.

If you have selected the **Motorbike profile**, you can choose between the following route options:

- **Fast:** At this point the fastest route is calculated.
- **Short:** You are shown the shortest, sensible route to your destination.
- **Economical:** You will be given the route which represents the best compromise between time and distance. In weighing up the alternatives, consideration is also given to the fact that the time gained from travelling at higher speeds may well also result in a higher level of petrol consumption.

Select **Next** to see more route options.

Avoid section on route

You can avoid **motorways**, **ferries**, **tunnels**, **toll roads and vignette-roads** on your route.

Note: The motorway and toll buttons are deactivated if you selected pedestrian or bicycle navigation.

Tap the respective symbol. A crossed-out symbol indicates that you have excluded motorways, ferries, and / or toll roads from the route calculation.

Note: If any of the three route options have been excluded but there is no other way to reach your destination, the Falk Navigator will use the excluded options (motorway, ferry, or toll road) when calculating the route.

Select the **Ok** button on the bottom right of the screen to save the route profile settings. The program automatically takes you to the map view.

2.4.4 Remember position

If you want to save your current position for subsequent navigation, tap the **Remember position** button. The position is added to Favourites in the destination selection screen along with the street and place name (e.g. Eierwiesenweg 19, Filderstadt). You can use this option to quickly and easily find your parking spot in an unfamiliar city, for example.

In addition, you can enter a **name** for the address here.

To do this, on the main menu tap on the button **Remember position**. You can use the delete key ⟵ or back key on the address entry screen to delete the name and enter a new name for the address.

Tap on **Ok**. The position is saved under Favourites.

Note: If GPS reception is inadequate, the navigation device will save the position where GPS reception was last available. If no last GPS position is available, no position can be saved under Favourites.

2.4.5 Travel Guide

The navigation system is equipped with travel guides for numerous towns and cities within the map information. A detailed explanation of the Travel Guide can be found in Chapter 3.

2.4.6 Settings

Numerous different settings can be made. Given the wide variety of settings available, they are explained in more detail below in Chapter 2.5.

2.4.7 Making telephone calls - Bluetooth® function (optional)

A number of navigation devices are equipped with a Bluetooth® function. This allows you to establish a wireless connection between your mobile telephone and your navigation device and then use your navigation device as a hands-free system.

You will find further instructions on how to us the Bluetooth® application in Chapter 2.7

2.4.8 My Favourites

The My Favourites function allows you to save destinations of your choice so that you can access them quickly and easily when required without having to re-enter the address.

You can also make POIs (special destinations) which are already preinstalled your personal favourites. They can then be updated or rate by you.

Note: A **maximum of 500** favourites can be created on your navigation device.

Click the **My Favourites** button in the **main menu**. If no favourites have been created yet, the selection list is empty. Existing favourites are listed in alphabetical order. You can scroll between your favourites using the arrow keys.

By tapping the symbol, you can bring up a keypad which helps you to search for specific destinations in the list of favourites. For example, if you enter the letter R, only those entries in the list which include the letter R will be shown.

Creating a favourite

To create a new favourite, tap on **"New"**.

You have various options for entering the address. You can create a favourite by:
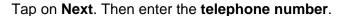
- specifying the address (incl. phone number)
- entering it on the map
- one of your recent destinations
- entering geocoordinates
- a POI

Select the destination definition you want and then tap on **Next**.

Enter the **name**.

Note: If POIs are preinstalled, the complete address is entered as the name. You can use the back or delete key (cf. Chapter 2.4.2) to change the name.

Tap on **Next**. Then enter the **telephone number**.

Tap on **Next** and give your favourite a **rating**. A rating can be entered in the form of stars, with 5 stars corresponding to a top recommendation and 1 star corresponding to a fairly poor rating. You can use the **no rating** button to delete your personal rating again.

Confirm your entry by tapping **Ok**.

If you do not wish to enter a telephone number or a rating, tap on **Ok** after you entered the name.

You can also save your current position as a favourite. To do so, select the **Save position** button in the main menu and confirm with **Ok**. The position is added to your list of favourites along with the street and place name.

Editing/updating favourites

To edit a favourite, select a favourite and tap on the button **Options**.

You are then provided with the following processing options:

You can display your favourite on the **Map**.

If you tap on **Detail**, you will get to the detailed view for the favourite in which all of the information about the favourite is displayed. Further information about this POI detailed view can be found in Chapter 3.3.

If you tap on **Change favourite**, you can change or re-enter the name of the favourite.

You can delete the favourite from your device by tapping on **Delete destination**.

Note: If you have set a home address using **Set Home**, this address can be viewed or deleted by tapping on the Favourites button on the main menu.

Note: The Favourites and my POIs you have created can be transferred via the Falk Navi-Manager to the **Falk Community**. There you can update the Favourites and give them **ratings, comments** and a picture (optional), transfer them back to your PND as a Favourite (cf. Chap. 5) and then use them within the Falk Travel Guide.

For details on how to do this, please consult Chapter 5 on the **Falk Navi-Manager.**

2.4.9 Rerouting

The **Rerouting** menu function gives you the option of blocking sections of road for your route calculation. This allows you to perform alternative routing without any fuss. This is particularly helpful, for example, if you wish to avoid temporary sets of roadworks or unpopular routes that you are aware of.

Furthermore, you can comfortably manage **diversions** which have been taken into account as a result of **traffic jam reports** (TMC) and delete them again if necessary.

You can manage all blockages which you put in place via the **Rerouting manager**.

Note: You can put a maximum of 20 blockages in place.

This is how you block routes:

Click on the map

Tap on **Block road**. You will be taken to the map view screen showing your current position. The map is oriented towards the north.

Select the section of road which you wish to block by tapping on it. A road segment can always be blocked between two side roads. You can also select further road segments by tapping on them. If you tap again on a section of road you have already selected, the marking is then cancelled.

In the adjacent window on the map view screen, the **road segments** and the **direction** in which they are to be blocked can be displayed and amended. The direction of blocking is entered based on the point of the compass.

You confirm the blocking by tapping on **OK**. Decide whether the blocking should be applied **permanently** or just for the present route calculation.

Attention: If you have not calculated a route and you block a section on a route, this section will be permanently blocked for the purpose of route calculation. The blocking can be lifted again via the **Rerouting manager**.

If you wish to block segments of road outside of the map shown on the map view, you should use your finger to move the map in the direction you want, or tap on **Search.**

Enter an **address** in order to get to the relevant map section for the blocking you wish to put in place.

By entering a distance starting from your current position

Tap on **Avoid route in advance**.

You can use the **Avoid route in advance** option to avoid a part of the planned route which is directly ahead of you and an alternative route will be calculated.

You can stipulate the length of the part of your original route that you wish to block. For example, if you select 10 km, the next 10 km of your current route will be blocked. However, you can also select other kilometre numbers, e.g. 5 km + 10 km + 15 km. The distances selected are added together and the total distance is blocked on your route (e.g. 30 km).

The actual length of the section selected depends on your system settings and on whether you have made entries in kilometres or miles (cf. Chapter 2.5.21).

Confirm with **Ok**. The route is recalculated.

You can cancel the blocking of a section on a route in the **Rerouting manager**.

Avoid traffic jam reports (TMC)

If you tap on…, reports of current traffic jams are displayed. The traffic jams reported on the calculated route can be taken into account and thus avoided.

The blocked routes are displayed in the Rerouting manager and they can be lifted again here.

Rerouting manager

The Rerouting manager allows you to manage all the blockages you have set up. All blockages are displayed in the list.

If you tap on **Display**, you can display a blockage previously selected in the list on the map view.
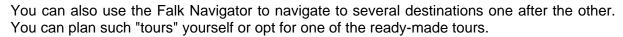
The **+ symbol** allows you to add a blockage.

The **disk symbol** allows you to set up a permanent blockage.

With the **trashcan symbol** you can delete a blockage which was previously selected in the list.

2.4.10   Tours

You can also use the Falk Navigator to navigate to several destinations one after the other. You can plan such "tours" yourself or opt for one of the ready-made tours.

The preinstalled tours are "Guided Tours" which take you, like a tour guide, to interesting places and provide you with interesting information in the form of sound and pictures. The Falk Guided Tours allow you to explore and get to know Europe's most charming regions. Each tour is approx. 300 km long and will take you, over the course of up to 3 days, to famous sights in picturesque landscapes.

Choose **Main menu>Tours.**

Here you have the option of selecting a guided tour or creating a new tour.

While you are travelling on a tour, you can also view the current tour profile here.

Select tour

First of all, you must stipulate the search location for a tour. The following options are available to you for this:

- **Location**: Sorts the tours according to their distance from your current location.
- **Address**: Sorts the tours according to their distance from an address which you can define.
- **All tours**: Displays all tours in alphabetical order.

Once you have selected a tour, confirm your selection by tapping **OK**. You will be shown the detailed view of the tour.

Detailed view

On the detailed view of the tour, you can tap on various "tabs" to call up specific extra information that you want. You can:

- read a **Description** of the tour (if one exists),
- show the tour on the **Map**,
- view a **Picture** of the tour (if one exists),
- view and edit the **Stations** on the tour in the form of a list.

You can then **Start the tour**, or continue to **Edit** the tour**.**

Note: You can add as many destinations as you want to a tour. Please note though that the calculation time will also be longer if you add more destinations. You are therefore advised not to use any more than 10 destinations when creating tours.

Once you have selected or created a tour, you will be shown detailed information about this tour.

Create new Tour

To create a new tour, tap the **New tour** button. Use the keypad to enter a name for the tour. The name you enter is displayed at the top of the navigation screen. If the name has already been used for another tour, a corresponding message is displayed. Tap **Accept** to confirm the name for the tour.

The new tour can now be populated with interim destinations for later navigation. Another screen (detailed tour view) is displayed. If no interim destinations have been set up yet, an empty list is displayed. Use the + button to add new **interim destinations** to the tour. You can decide whether to add an **address**, a **favourite**, one of your **recent destinations**, your **home address**, a **special destination**, a **Travel Guide destination** or a destination using **geo-coordinates**.

The system navigates to all interim destinations in a tour in the sequence they are entered. If you want to change the sequence of the interim destinations, you can do so using the curved arrows.

Use the straight arrows to move between interim destinations and to select them (they are marked in blue).

Click on **Calculate** in order to start the tour.

When you reach an interim destination in the tour, the "**Next destination**" button is automatically shown on the navigation screen. Once you confirm by selecting this button, the route to the next interim destination is calculated automatically. If you would like to continue on to the subsequent interim destination before reaching the current one, tap the map or the button to go to the main menu. Select the Next destination button, and you will be directed to the next stop on your tour. The Next destination button can also be selected via the rapid-access menu on certain products.

Destinations which you have already visited are marked as such and are no longer taken into account when you continue your tour. The destination to which you are navigating is marked in the list with a tick and grey lettering.

Note: You can use the Falk Navi-Manager to simply and easily put together a tour on the website www.falk.de and download it to your navigation device with all interim destinations. For precise details about this, please consult the chapter on the Falk Navi-Manager (cf. Chap. 5).

Edit tour

If you tap on **Edit** on the detailed view, you can make further settings for the selected tour. The following options are available to you:

- **Edit stations**: You can change the order, add or delete stations or automatically have the stations sorted in the ideal order.
- **Set direction of travel**: A tour can also be travelled in reverse order. You will then be guided from the last destination on the list to the first destination.
- **Change name**: A new name can be entered via a keypad.
- **Display options**: You can stipulate whether visited stations and/or via points (only with Guided Tours) should be displayed or hidden.
- **Delete tour**: Deletes the selected tour.

Note: With the Falk Guided Tours, you can only define the direction of travel and set the display options. The individual stations on the tour cannot be edited. If you would like to delete a Guided Tour, you can do this using the Falk Navi-Manager PC software (see Chap. 5).

View tour profile

While you are travelling on a tour, you can view the tour profile. If you tap on **View tour profile**, you will be shown the detailed view for the tour (see Detailed view).

Routing with a Falk Guided Tour

The preinstalled tours on your navigation device are so-called Guided Tours which provide you with interesting information about the individual stations on your tour. When you arrive at one of these stop-off points, a text with information about this destination will automatically be read out. You can cancel this audio output at any time by tapping the button **Stop audio**.

Note: The Falk Guided Tours use what are known as via points. These points are not stop-off points but instead ensure that a specific route to your next destination is followed. You can also hide the via points (see Edit tour).

Routing with one of your own tours

While you are travelling on a tour and when you reach a stop-off point on the tour, the button "**Next destination**" automatically appears on your navigation screen. When you press this button, the device will automatically start routing you to the next stop-off point. If before reaching a particular stop-off point you want to continue on directly to the next stop-off point, switch to the main menu and tap the button **Next destination**.

Note: The Falk Navi-Manager allows you, quickly and conveniently, to compile a tour via the website www.falk.de and to transfer it along with all of the stop-off points on the tour to your navigation device. For precise details of how this works, please consult the chapter on the Falk Navi-Manager (see Chap. 5).

2.4.11   Next destination

If you are currently navigating a tour with a number of interim destinations, it is possible in certain cases not to navigate directly to a number of destinations (e.g. Cologne Cathedral). You have the following option of skipping an interim destination (e.g. a destination on a tour of Cologne).

Tap the map view or the main menu button during navigation in order to return to the main menu. Use the arrow keys to scroll through the main menu until the Next destination button is displayed.

If you tap this button **Next destination**, the current interim destination on the tour will be skipped. The route to the next interim destination on the tour will then be calculated.

2.4.12   SOS (optional)/ "My location" function

In emergency situations, rapid reactions are crucial. To ensure that rescue teams can arrive on the scene as quickly as possible, it is essential to be able to provide exact details of location. However, the persons involved are often suffering from shock and are unable to cope with the situation. Frequently, they are not capable of providing precise details of their whereabouts.

The navigation device is equipped with a function which, in the event of an emergency, helps you to give precise details of your **current location**. If you tap on the **SOS** or **My Location** button in the main menu (the name used depends on the particular product type), a full written description of your current location will be given. All you then need to do is read out the details of where you actually are.

If you are on a motorway or a trunk road, the road number such as the A8 or B191 will be given rather than an actual address.

As well as providing details of your position, the display also gives more precise geo-coordinates for your current location.

Note: In order to ensure that the Navigator can determine your current position, you must be in a country for which map information is already installed on the navigation device.

Note: In a number of areas where there is no GPS reception or reception is inadequate, e.g. in tunnels, garages, underpasses etc., it may not be possible to determine your current GPS position using your mobile navigation device. As a result, the "Emergency call/aid" function cannot be used or will not be fully functional in such situations.

If you are not sure whether the position displayed is your current position, you can tap the **Update** button.

Devices which are equipped with a Bluetooth® function (optional) offer a direct dialling feature for contacting the emergency services (in Germany only). However, it is important to ensure that your navigation device is coupled to your mobile telephone. Please see Chapter 2.7.1 for details of how to couple the devices together.

To make a call to the emergency call centre, tap on the green telephone handset. The correct emergency number for your location will be dialled automatically and this will work in 26 European countries.

Attention: United Navigation GmbH accepts no responsibility for the emergency numbers stored on the mobile Falk navigation device being correct or complete. The company accepts no liability for damages of any kind resulting from the use of the information provided!

After you have given details of your current position, tap the red telephone receiver symbol in order to end the telephone call. You should end the call only if the emergency services centre has no further questions.

Note: It may not be possible to make telephone calls using your mobile Falk navigation device in a number of areas where there is no or inadequate mobile telephone network reception and in border or remote areas. In such situations, the "Emergency call/aid" function on your mobile Falk navigation device will not work either!

Attention: United Navigation GmbH accepts no responsibility for the reliability of any mobile telephones. In the event of any queries or problems, please contact the particular manufacturer of your mobile telephone (see also the declaration of conformity for your mobile telephone).

Note: In Germany and in the majority of other countries, it is a criminal offence to deliberately or knowingly make hoax calls to the emergency services (see section 145 of the German Criminal Code (StGB)). Any persons who make such hoax calls are also liable to compensate the relevant organisations.

2.4.13   Trip computer – Configure route information

The trip computer provides you with extensive **travel information** about your current route and your position. You have the option of adapting the information which is available to your own personal preferences.

The order and nature of the information depends on your preset **profile** (cf. Chapter 2.4.12) Car, Motorbike, Bicycle or Pedestrian.

Tap on the button **Trip computer**. In the bottom part of the screen you are shown the **Address** or if applicable the **geo-coordinates** of your current position.

Requirement: GPS signal being received.

If no GPS signal is available, you are shown the last position where you had GPS reception.

You have the option of selecting **9** of the items of travel information which are most important to you. Tap on an appropriate button. Behind each button you have access to a list containing travel information. Depending on your chosen profile, you have a choice between:

- Distance to destination
- Remaining time to destination
- Average speed (including stops and standstill time)
- Current time
- Current speed
- Altitude
- TMC messages
- TMC frequency
- Current position
- Length of journey
- Standstill time
- Time in motion
- Sunset
- Maximum speed

- Distance travelled
- Direction to destination
- Sunrise
- Average speed during the journey

You can **scroll** through the list with the **arrow keys**.

Select an item of travel information and confirm this with **OK**. The information you select is now shown on the button.

Tap on **Map** to switch to the navigation screen.

To **exit** the **trip computer** tap on the menu.

Tap on **Statistics** to show a breakdown of your travel data for the route you have covered.

The following information is available:

- Distance travelled
- Time in motion
- Standstill time
- Maximum speed
- Average speed during the journey

The data is reset to 0 when each new route is calculated.

If no route is calculated or you are in Position Tracking mode, you can reset the values displayed to 0 by tapping **Reset**.

2.4.14 Profiles

Your Falk navigation device provides you with many options for setting different profiles.

This means that, depending on your means of transport, you can configure your navigation device to meet your own individual needs.

Choose the button **Profiles**. You can choose from the following means of transport: **Car, Motorbike, Bicycle and Pedestrian**. Choose the profile you want.

Note: **Learning Navigation** (cf. Chapter 6) settings may only be made after selecting the profile **Car**.

Note: Please be aware that navigation announcements are deactivated during pedestrian navigation. In addition, pedestrian and bicycle navigation beyond a 350 km radius is not possible with the Falk Navigator. If you select pedestrian navigation, the positioning at low speeds improves considerably and is thus tailored to the needs of a pedestrian.

The profile which is set is shown via the status display on the menu and on the navigation screen.

2.4.15 Extras (optional)

By tapping the **Extras** button, you can access your navigation device's multimedia applications (optional).

You will find detailed operating instructions for the multimedia applications in Chapter 4.

2.4.16 Help

Help takes you to the online help which gives you brief instructions on how to use your navigation system.

2.4.17 Menu order

The Falk Navigator provides you with many different functions. Determine your own personal menu order so that you can access the functions which are important to you quickly and flexibly.

Tap on Main menu> Menu order.

All of the main menu options are available to you on a list. With the **arrow keys on the left** you can scroll through the list.

Select the function whose position you would like to change by tapping on it. With the angular arrows on the right you can move the previously selected function to another point on the list.

Confirm the change by tapping on **OK**.

Tap on **Restore** to restore the original settings.

2.4.18 Delete route/manual mode

When you do not wish to use the Falk Navigator to navigate to a specific destination, you can still use manual mode to **track** your **progress** in the map view. Manual mode continuously updates your **current position** as you drive. A number of functions that can also be used during navigation are available as well.

You are automatically in **manual mode** if you have not entered a destination. If you want to enter the map view in manual mode from the main menu, select **Map**.

Are you currently navigating to a destination of your choice or **simulating a route**, but you would like to switch to manual mode? During the navigation/simulation, you should return to the main menu. There you should tap on the button **Delete route**, **Delete simulation** or **Cancel tour**. You then automatically enter manual mode.

Note: Since there is no route calculation in manual mode, route-specific displays are not shown and no navigation information is provided (e.g. turn left after 300 m). If you are receiving TMC traffic information (optional), you can have it displayed in the map view by selecting the TMC button.

2.4.19 Route list

To see this, tap on [icon].

If you are already navigating, please select **Main menu>Route profile.**

You will be shown the following information in the form of a list:

The name of the respective road.

The route which is being travelled along on the respective road.

With federal highways or motorways, the abbreviation (e.g. B10) and the exit at which you will leave the road.

The destination is shown on a bar at the bottom of the screen.

You can tap the **Navigation** button to switch to navigation.

2.4.20 Bus & Train connection

Following route calculation taking account of local public transport, you can access the menu item Bus & Train connections at any time to view information about your route such as direction of travel, changes, Bus & Train route and approximate journey time by public transport.

Please note that Falk cannot accept any guarantee for the journey times which are specified and for the routes being up to date.

For details of the further functions under the Bus & Train function, please also read Chap. 2.4.1.

2.5 Navigator settings

The options that can be changed in the settings menu are explained in detail below.

2.5.1 Map display

Under map display, you can modify various settings that affect the map view. To do so, tap **Settings** > **Map display**. The following options can be modified.

2D/3D view: Tap the 2D/3D symbol to switch between the 2-dimensional and 3-dimensional map view. The display will switch between 3D and 2D depending on your current selection.

2D aerial view on/off (optional): You can use this button to activate or deactivate the aerial view. **Requirement**: You have previously activated the 2D map view.

3D terrain on/off (optional): If you tap on 3D terrain, three-dimensional images of mountains and valleys will be shown on the map. **Requirement:** You have previously activated the 3D map view.

3D buildings: You can have striking buildings and other buildings of particular note that are worth seeing in cities displayed on the map while you are navigating by tapping on **3D buildings on**. **Requirement:** You have previously activated the 3D map view.

In direction of travel/Orientated: When you tap on the button **In direction of travel**, the map is shown from your current position pointing in the direction in which you are travelling. **Orientated** means that the map is always orientated to the north and your direction of movement is shown on the map in relation to north.

Reality view on/off (optional): This button allows you to activate/deactivate the reality view (cf. Chapter 2.2.2).

Auto zoom: Use the **Auto-zoom on/off** button to activate or deactivate the Falk Navigator automatic zoom function. When the auto-zoom function is activated, your Falk Navigator adjusts the size of the map detail which is shown to the current travel speed. Depending on the current setting, the display changes from Auto-zoom on to Auto-zoom off.

Split Screen Pro display (optional): You can use the **Large arrow display / Split Screen map** button to change the way that the Split Screen Pro display is shown on the navigation screen.

POI display on map: You can use the **POIs on map** button to select from the available POI categories which POI categories should be displayed on the map. With the Button **All** you can select or deselect all categories.

POI display: The POI display button enables you to determine whether the special destinations that are shown in the form of icons when navigating from the navigation screen are displayed with or without names. Each time you tap the button, the POI display settings are changed and the POIs are either shown or hidden as the case may be.

Map colours: Choose your own personal map colour for the view shown on the navigation screen. You can use the buttons on the right-hand side of the screen to select if you want to adjust the colours for the day or night view. Tap the sun symbol for the day view and the moon symbol for the night view. You can choose between three different map colours for the

day view and two for the night view. You can switch back and forth between the individual colours using the arrows.

Confirm your selection with **OK**.

2.5.2 Volume

Use the Volume option to adjust or mute the navigation device volume. Two volume adjustment levels are available. The first level establishes the system volume for your device. The second, advanced level allows you to adjust the volume for individual Falk Navigator functions separately if required.

In order to change or mute the system volume, first tap the **Volume** button. You can increase the volume by tapping the plus symbol or decrease the volume by tapping the minus symbol. The volume setting is shown by an indicator bar which displays the current setting in relation to the maximum volume.

You can also mute the volume in a single step. When you tap the speaker symbol, the volume is muted. To deactivate the mute setting, tap the speaker symbol, the plus symbol, or the minus symbol.

Confirm your selection with **Ok** or exit the screen with **Cancel**.

In a second level, you can adjust the volume settings for the speakers, the Travel Guide, MP3 player, Bluetooth® (optional), and system keypad tones separately.

To bring up the advanced volume settings, tap **Advanced** on the volume settings screen.

You can increase the volume (speaker, Travel Guide, MP3 player, system sounds, and Bluetooth® (optional)) by tapping the plus symbol, or decrease the volume by tapping the minus symbol – just as in the main volume settings screen.

Note: If you change the speaker volume, this setting also affects the speed camera and speed limit warning functions.

Tap **Ok** to save your settings and exit the screen. This takes you back to the main volume settings level. Tap Cancel to exit the screen without saving your settings.

Note: The advanced volume settings are always related to the system volume. Therefore, changing the system volume always changes the volume of the individual Falk Navigator functions as well.

2.5.3 Speed camera detector

The speed camera detector is an integrated additional function which, in combination with corresponding speed camera data, warns you when you approach locations where stationary speed cameras (speed traps) are installed. If you want to use this function, you can use the Falk Navi-Manager (cf. Chapter 5) to download European speed camera locations from the Internet free of charge and install them on your mobile navigation device. Only after you have done this will this function be available on your navigation device.

To switch on the function in the Falk Navigator, tap on the Speed camera detector button on the Settings menu. You will then be warned accordingly when you approach a speed camera. To switch the function off again, tap on the button again.

Note: With selected products, the function of the speed camera detector is available to you after the first GPS fix for 90 days. This period of time begins with the first GPS fix and not when the speed camera detector is activated via the Falk Navi-Manager. After the deadline period expires, the speed camera detector can be purchased on the internet in the Falk

Online Shop at http://shop.gofalk.com/falk/. Please note here the information provided on the product packaging of your navigation device.

Note: The numeric display on the speed camera detector symbol refers to the unit in which speed is measured in a particular country (kilometre or miles per hour).

Note: Even after you install speed camera data on your mobile navigation device, the speed camera detector must be activated in the Settings menu before each navigation.

Attention: It is illegal to use the speed camera detector in certain countries. Please verify whether you are allowed to use the speed camera detector in the country you are in. The speed camera detector is considered operational as soon as you install speed camera data on your device.

If you are unsure about using the speed camera detector, we recommend that before navigating anywhere you uninstall the speed camera detector via the Falk Navi-Manager on your device.

Switzerland: Speed camera detector data for Switzerland is not included in FMI products. It can also not be downloaded via the Internet.

Germany: "Operation of the speed camera detector and carrying a speed camera detector which is operational with you is not permitted in the area covered by the German Road Traffic Regulations pursuant to § 23 para. 1b of the German Road Traffic Regulations. **Please note that the speed camera detector may only be used for route planning and must be uninstalled before you make trips via the Falk Navi-Manager on the device.**"

Starting the speed camera detector

1. Install the Falk Navi-Manager on your PC. Please consult Chapter 5 for more detailed information about how to install the Falk Navi-Manager.

2. Connect your navigation device via a USB cable to your PC. Your PND will be recognised by means of ActiveSync.

3. Start the Falk Navi-Manager on your PC via Start/Programs/Falk/Navi-Manager or by double-clicking the Falk Navi-Manager icon on your desktop.

4. The Falk Navi-Manager will then check whether any new data is available to download. If any new speed camera data is available, place a tick in the dialog window to download this data to your device. The Navi-Manager also allows you to define whether an automatic update search for new speed camera data should be carried out every time you start the program.

Attention: If you wish to use the speed camera detector, you need to activate it before you set off. Select the **Settings** button on the main menu. You should then select the **Speed camera detector** button. The Speed camera detector is activated when the symbol is no longer crossed through.

2.5.4 Brightness

The Falk Navigator can navigate in day or night display mode. In night display mode, the display brightness is reduced so that you are not blinded during hours of darkness.

The brightness settings have a major effect on how much power your navigation device consumes. You can set the brightness as a function of the power source being used.

Select on the main menu Settings> Brightness.

Select, by touching the +/- buttons or the guide line, a brightness level for the **day view**, for battery mode and power connection as you require.

Then confirm by tapping **Next**.

Then select the brightness level for the **night view**.

Then confirm by tapping **Next**.

2.5.5 Speed warner

The Navigator is equipped with a speed warning feature for main roads and motorways. You can use this feature to let the system warn you when you exceed the legal speed limit. You have a choice of an **optical** warning or a combination **optical & acoustic** warning.

Conditional speed limits that only apply in case of certain weather conditions (e.g. rain) or during certain times can also be included. In this case, a rain / clock symbol is displayed in the navigation screen in addition to the standard speed limit sign.

The speed warning function is inactive the first time you start your navigation device. Select the speed warning feature in the settings menu by tapping it.

A new screen is displayed. You can select an optical warning or a combination optical & acoustic warning. To deactivate the speed warning feature, select No warning. Then select Ok. If you selected No Warning, you will be taken back to the settings menu.

If you have activated the speed warning feature, you can now establish the minimum speed at which notification begins. This can be specified separately for urban areas, country roads, and motorways. You can choose to be notified when you reach the legal speed limit or when you exceed it by 5, 10, 15, or 20 km/h. Use the arrow keys to the left and right of the numbers to establish your personal speed limit. Then select **Next**.

In this screen, you can decide whether you want to include conditional speed limits. The **rain** button is used to include weather-dependent (rain-dependent) speed limit changes; when this option is activated, you will be notified according to the speed limit that applies in case of rain or your personal speed limit (in relation to the legal speed limit). When this function is deactivated, the button is crossed out.
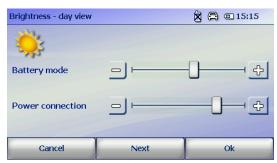
The **time period** button is used to include speed limits that only apply during certain time periods. A time period can refer to a range of dates (from 01.01 to 31.07) or times (from 6:00 am to 6:00 pm). You will be notified according to speed limits that apply to certain time periods or your personal speed limit (in relation to the legal speed limit) if you are travelling on an applicable section during the time period when the alternative speed limit applies. When this function is deactivated, the button is crossed out.

To save your settings, tap **Ok**.

Note: Speed limits usually correspond to the traffic signs for the legal speed limit. When you are in a country where speeds are specified in mp/h while your navigation device is set to use km/h as the unit of distance, the speed limit in mp/h is converted to km/h. This means that the converted numbers on the display will not correspond to the numbers shown on the traffic signs.

2.5.6 Day/night mode

If you select the day/night display mode option, you can view and modify the currently selected screen mode. If you want the system to automatically switch between day and night display mode, simply tap Automatic day/night. This setting keeps the screen in day display mode

from sunrise to sunset; outside this period or in long tunnels, it switches to night display mode. If you do not want the system to change modes automatically, select either day display mode or night display mode. The screen remains in the selected mode until you change the setting. Confirm with **Ok**.

2.5.7 Setting/changing the home address (Home)

Use the Set home option to enter your home address in order to permanently store it as a preferred destination. This allows you to select this address as a navigation destination quickly and directly by using the Home symbol. You can also select Home as the starting point or destination for route planning.

Tap **Set home** in the settings menu.

You can enter your home address using the onscreen keypad or select one of your recent destinations, or a point on the map.

Confirm your selection with **OK**. The display automatically changes to the settings menu.

Note: If you have not set up your home address yet, you can do so the first time you select the Set home button in the destination selection screen. Once you have set up the home address, the caption of the button in the destination selection screen changes from **Set home** to **Home**.

The address you have entered can be changed at any time by entering a new address. To view the address you have established as your home address, go to Favourites in the main menu.

2.5.8 Define favourite lists

Define which of the favourite lists containing favourites you wish to access in the Travel Guide.

Requirement: You have created your own favourite lists in the Falk Internet Community and transferred them to your navigation device.

To do this, register at places.falk.de and expand your Travel Guide using the Falk Navi-Manager to include numerous POIs with pictures, ratings and comments from other users.

You can find out how to do this in Chapter on the Falk Navi-Manager.

Choose Main menu> Settings> Define favourite lists.

You will gain direct access to the favourite lists which you have transferred from the Falk Internet Community to your navigation device.

Activate or deactivate the list you want by placing a tick next to it. The content of the activated lists is available to you in the Travel Guide under favourite lists. Confirm your selection with **OK**.

2.5.9 TMC station (optional)

The Falk Navigator navigation software is able to receive TMC (Traffic Message Channel) messages regarding current traffic disruptions such as traffic jams. TMC is a digital messaging service that transmits traffic messages along with a radio station signal. It therefore requires reception of a suitable radio station. If a TMC receiver is connected and TMC messages are being transmitted along with the radio station signal, your navigation device will supply information about the reasons for a traffic disruption, the affected roads or

street, the affected section, and the extent of the disruption. You can take the reports into account in your route calculation and avoid the traffic jam with ease. The Falk Navigator then allows you to integrate this data into the navigation system and suggests an alternative route where appropriate. TMC messages are not considered in route planning.

TMC Pro (optional): Unlike TMC, TMC Pro is based on automatic data sensors on motorway overpasses, sensor strips integrated into the road surface, and sensors in vehicles (floating car technology). Traffic jams and their development are recognised early on and can be considered when calculating alternative routes.

 Note: TMCpro is an optional service and not preinstalled on all devices.

TMCpro is available to you for 90 days after the first GPS fix as a test version **(TMCpro Starter**) and can then be purchased on the Internet in the Falk Online Shop at http://shop.gofalk.com/falk/.

Please consult the details given on the product packaging for your navigation device.

You can use the TMC messages menu item to establish what types of TMC traffic messages your Falk Navigator should consider during navigation, or to deactivate this function completely.

Select one of the following options. The selected symbol is highlighted in white.

- **TMCpro + TMC:** both TMC and TMC Pro messages are considered during navigation.
- **TMCpro:** you only receive TMCpro messages.
- **TMC:** you only receive TMC messages.

Note (applies to TMCpro+TMC, TMCPro, TMC): If there are traffic jams on your route, Falk Navigator asks you if you want to take the traffic jams into account. A check will then be carried out to determine whether there is a better alternative route. If a better route is available, it will be suggested to you.

Select **TMC off** to deactivate this function completely. No TMC messages are then received. This also means that no traffic reports are shown during navigation.

Confirm your selection with Ok.

2.5.10   Battery

Use the Battery option to view the remaining battery capacity for your mobile navigation device. This option only applies if your device is running in battery mode, i.e. when it is not connected to a power supply.

Note: To extend the running time of your navigation device in battery mode, activate the Screen lock function. You will find more information about this in Chapter 1.3.2.

2.5.11   GPS Info

GPS: Indicates the signal strength of the GPS receiver at your current location. Adequate GPS reception is the basis for all navigation.

Tap the **GPS info** button to carry out a test of the GPS functionality of your mobile navigation device. A page with information about your current GPS connection and your current position is displayed. Use the **Back** button to return to the settings menu.

The colour bar gives you information about the GPS status at a quick glance.

Red: Insufficient GPS signal to determine your position. Signals are being received from fewer than 3 satellites.

Yellow: The GPS signal is sufficient to determine your position, but not sufficient to determine elevation. Signals are being received from 3 satellites.

Green: You are receiving a high-quality GPS signal that allows your elevation to be determined. Signals are being received from at least 4 satellites.

White (optional): GPS signal is not available (e.g. in a tunnel).

GPS Information	🚗 🔋 15:53
GPS quality:	████████████
Satellites:	5
Current position:	48° 43' 20.0" N
	9° 13' 24.8" E
Current height:	425 m ASL
Speed:	1 km/h
Back	

2.5.12 Screen lock

You have a choice between two basic settings for activating the screen lock.

Requirement: Your navigation device is not currently navigating and the screen is not operated for the set period of time.

Timer: Activates the screen lock according to your personal presettings. You have a choice between 1 minute, 3 minutes, 5 minutes and 10 minutes.

Manual: The screen lock is always activated when you manually activate the on/off switch on the top of the device.

Confirm your entry by tapping **OK**.

Screen lock	🗙 🚗 🔋 13:22
Never	Manual	1 minute
3 minutes	5 minutes	10 minutes
Cancel		Ok

You will find more information on the screen lock in Chapter 1.3.2.

2.5.13 Theft protection

You can use this function to **activate** the **theft protection**.

The requirement for this is that you have set up a personal PIN number via the Falk Navi-Manager PC program.

You can find out how to set up theft protection in Chapter 1.3.1

2.5.14 Ask route options

If you select the **Ask route options** option in the settings menu, you will be given the option of changing the route options currently selected before your route is actually calculated.

When adjusting your route options (cf. Chapter 2.4.1), you can change the following settings:

- **Change profile:** switching between car, motorbike, pedestrian and bicycle navigation
- **Choose route option:** *Car*: clever, short, fast or economical, *Motorbike*: fast, short or economical
- **Avoid route segments:** motorways, toll roads, ferries, tunnels

You can cancel any changes made to your route options at any time before you calculate your route. For example, you can change only your profile and then begin calculating your route straight away.

To begin calculating your route, tap the **Calculate** button.

To **deactivate** the **Ask route options** option, tap the corresponding button in the settings menu again.

2.5.15　　Ask departure time

For the **Learning Navigation** function on your navigation device, you can plan routes with **routing for precise days and times of the day** which calculates the cleverest route to your destination for you.

To do this, tap on **Ask departure time** under Settings. Once the **Ask departure time** button has been activated, you can enter a departure time for your route planning under **Route options**.

If this function is deactivated, your navigation device then always uses the current time to calculate your route.

2.5.16　　Street names – Text To Speech (optional)

You can use this button in the **settings menu** to establish whether street names are announced during **navigation / simulation**.

If you do not want street names to be announced, tap the Street names button. The symbol changes to Street names off to indicate that street name announcements are deactivated. If you tap it again, street name announcements are reactivated. Street name announcements are deactivated by default.

Note: You will still receive direction information announcements on main roads and motorways (e.g. "A8 towards Munich") even when street name announcements are deactivated.

2.5.17　　Short menu on/off

This setting allows you to change the **view** of the **main menu**. If "**Short menu off"** is activated, **5 functions** are displayed on each screen of the main menu.

2.5.18　　Start navigation automatically on/off

If the setting **"Start navigation automatically"** is activated, navigation starts automatically after a route has been calculated. There is no prior prompt about route information and no alternative routes are considered.

Note: This function is not available for voice control (optional).

Tip: If you touch the screen after a route has been calculated, navigation does not start automatically.

2.5.19   Voice control (optional)

Not only does the voice control function allow you to issue voice commands to the navigation device; the device also provides you with audible feedback.

Use the Voice control button in the settings menu to select whether the device issues standard or short system messages when the voice recognition mode is activated.

Select **Standard dialogues** if you would like the navigation system to provide you with comprehensive information and questions to guide you through voice control when it is activated.

In **Short dialogue mode**, the system provides condensed information and questions.

If you do not desire any dialogue with the navigation device and only want to issue voice commands, select **Off**.

Confirm your selection with **Ok**. Select **Cancel** to return to the settings menu.

Note: You cannot change these settings using voice commands.

2.5.20   Kilometres - Select unit of measurement

Tap **Kilometres / miles** in order to change the unit of measurement for distances. You can switch between kilometres and miles. The symbol for the selected format is displayed in blue. The symbol for the other format is displayed in grey.

2.5.21   Clear history

Use the **Clear history** option to erase data for all recent destinations and the last GPS position. If you really want to erase all user data, you have to answer the confirmation message with Yes and then confirm with **Ok**.

2.5.22   Default settings

When you tap on "**Default settings**", you reset the **settings** of the Falk Navigator to the factory settings, and the navigation device is automatically restarted. You can then use the Start Assistant to make new settings (see Chapter 2.5).

2.5.23   Language

If your Falk Navigator is set up for multiple languages, you can select or change languages using the Language option.

Tap Language to select the menu language and a speaker. First, select a language for the Falk Navigator menus. The language is always specified in the respective national language.

If a number of speakers for a single language are pre-installed on your device, select the desired speaker. Confirm your selection with **Ok**.

2.5.24 Time

Use the Time option to set the time zone and time format.

Note: The current date and time are received with the GPS signal and are therefore always kept up to date.

To set the current time zone, tap the left or right arrow at the top of the screen. In order to set the time display format, tap the corresponding circle (12 hour or 24 hour) in the centre of the screen.

By default, the system automatically switches between winter time and summer time. If you prefer to set summer time manually, select On. When Off is selected, winter time is displayed.

Confirm the settings with **Ok** or exit the screen without saving your changes by selecting the Cancel button.

2.5.25 Screen

If the screen no longer responds properly when you tap it, it needs to be recalibrated. To do so, you need a stylus (optional) or another blunt object. To avoid damaging the display, never tap it with any pointed objects.

Select the **Screen** option in the settings menu and start **calibration** by confirming the message that follows with **Ok**. If you do not want to complete the calibration process, exit the screen by selecting **Cancel**.

Tap and briefly hold the stylus on the cross. Repeat this process for each position of the cross.

The calibration process is complete when the cross is no longer displayed. Tap the screen again to return to the system settings menu.

2.5.26 Set rapid access menu

You can adapt the rapid access menu on the navigation screen to reflect your own individual needs by setting which functions and settings of the Falk Navigator you wish to have rapid access to.

Tap **Main menu >Settings >Set rapid access menu**.

Tap on the **icon** which you would like to change on the rapid access menu view.

Select a function or setting from the **list**.

You can use the arrow keys to scroll through the list. The … button allows you to search for a function by entering the name.

Confirm by tapping **OK**.

2.5.27 Info about - Display system information

The **Info about** option allows you to display system information including the **navigation software** version, the **map material** you are using, and the **map status**. You can use the **Additional functions** button to obtain an overview of the software functions

which are available to you for a limited period of time. To view this information, simply tap **Info about** in the settings menu. Tap **Back** to return to the previous screen.

2.5.28   Copyright

Tap the Copyright button in order to display copyright information for the software you are using. A country-specific copyright notice can also be found here.

2.5.29   Menu order

The Falk Navigator provides you with many different settings. Determine your own personal menu order so that you can access the settings which are important to you quickly and flexibly.

Tap on **Settings> Arrange menu.**

All of the settings menu options are available to you on a list. With the **arrow keys on the left** you can scroll through the list.

Select the setting whose position you would like to change by tapping on it. With the angular arrows on the right you can move the previously selected setting to another point on the list.

Confirm the change by tapping on **OK**.

Tap on **Restore** to restore the original settings.

2.5.30   Geo-coordinates format

You can select the format in which geocoordinates should be entered. As different formats are used in different sources, you can select the suitable format here.

You can use the buttons at the top of the screen to select the format in which geocoordinates should be entered and displayed.

You can choose from the following formats:

Degrees, decimal minutes (dd°mm.mmmm´)

Degrees, minutes, seconds (dd°mm´ss.ss")

Decimal degrees (dd.ddddd°)

2.6 Voice control (optional)

With some products, it is possible to control the Falk Navigator with voice commands in addition to the onscreen menus.

For example, you can enter your destination address using voice commands. The Falk Navigator recognises your commands and then navigates to the desired destination town/city.

Note: Please familiarise yourself with the voice commands and the voice control system functionality before using this function while driving.

Note: The voice commands have to be articulated exactly in order for the device to recognise them.

2.6.1 Activating voice control

To activate voice control, select the voice control symbol. This symbol is found on all screens with functions that can be controlled using the voice control system.

Two central symbols characterise the voice control function:

Listen: when voice control announcements are being made.

 Speak: indicates that the device is ready to receive your spoken entries.

An **audible** and **visual** feedback signal indicates that voice control has been activated. You can start using voice commands after you hear this signal. The voice control symbol switches to speak.

Note: When voice control is activated, the acoustic output of other applications (e.g. MP3 Player, Travel Guide) is automatically muted.

Note: Reducing the volume of other output devices while using voice control is recommended. If background noise from devices such as the radio is excessive, voice recognition problems may result.

Note: Voice control cannot be activated while you are making a telephone call using your navigation device's Bluetooth® hands-free speaking system.

Interrupting a voice command message

During a voice message from your navigation device, your voice commands cannot be recognised by the navigation device.

If you would like to commence voice input while the voice control system is still playing back a message, click the button.

The current message is interrupted and the input signal sounds. You can start using voice commands after you hear this signal.

Note: If you would like to hear fewer or no messages, you can configure the options under the voice recognition settings.

Deactivating voice control

Voice control is automatically deactivated if you do not issue any voice commands for several seconds.

You can also deactivate voice control by tapping the button.

If you issue a voice command to launch navigation to a destination, voice control mode is automatically deactivated.

Voice control is also deactivated if you tap a function on the screen.

When you exit the application, the system sounds a confirmation signal confirming that voice control has been deactivated.

Navigating a list

The voice control system frequently provides you with choices in the form of a list. You can navigate a list of alternatives using the following commands.

The commands "**down**" and "**up**" are used to scroll through lists. These commands allow you to scroll from entry to entry.

The commands "**scroll**" and "**scroll back**" allow you to navigate through all list entries page by page.

All entries in the list are numbered. An entry can be selected from the list by saying the number of the desired entry.

2.6.2 Using voice control to enter a destination

Note: Destination entry comprises several screens. All types of destination entry that are found on the first screen can be called up using a voice command.

To get to the following screens, use the voice commands "**Next**" or "**Scroll**".

Note: You can use the command **Help** to display all available commands on the navigation screen.

Entering an address: After the signal sounds, say the command Address if you wish to enter an address.

Follow the voice control instructions.

Note: When entering the address, you **cannot change the country** using voice commands. If you would like to change the destination country, tap the button with the national flag. Voice control is deactivated. Once you have selected the desired country, you can reactivate voice control again.

In order to navigate to the centre of the town/city, say the command **City centre** when you are prompted to select an entry from the list.

If during destination entry the city or street you want is not offered in the selection list, you can repeat your entry after uttering the command **Repeat** (instead of entering a row number).

Note: It is not possible to enter your destination via the **postcode** using voice control.

Street addresses between 1 and 1000 are valid (e.g. 512).

If you do not wish to enter a street address, say the command **Street centre** when prompted to select an entry from the list. The route is then calculated to the middle of the street.

Once you enter the street address and after route calculation is complete, the signal will sound and you can launch navigation by saying the command **Navigation**.

If during destination entry you wish to select categories which are on the second screen, please use the commands "**Next**" or "**Scroll**".

Note: Place and street names must be entered in the **language** of the respective destination country. For example, you have to say the command "Nice" (pronounced niece) if you wish to travel to "Nice" in France.

Note: If the device is unable to recognise one of your commands, you will be prompted to repeat it. If the command is not recognised after you repeat it, voice control mode is automatically deactivated.

If you have activated the option **Ask route options** on the Settings menu, you have the option of changing your current route options by voice command before your route is actually calculated. To select the appropriate route options, utter the text beneath the button you require (e.g. Car, Clever, Toll, Calculate). It is not necessary to change all route options. You can cancel the change process at any time by uttering the command **Calculate**.

Voice control is automatically deactivated when navigation begins.

Navigating to favourites

If you want to navigate to a **favourite** using voice control, a favourite must first have been created. Proceed in the manner described above.

Navigating to recent destinations

All destinations you enter into your navigation device and navigate to are stored in a list of recent destinations. You can access this list using voice control.

Note: If you have not previously entered any destinations, the **Recent destinations** button is deactivated and you cannot select recent destinations using voice control or onscreen input.

Navigating to your home address

You can use voice control to navigate to your home address.

Activate voice control. After the signal sounds, say the command **Home**. Route calculation starts automatically.

To start navigation, say the command **Navigation**. Voice control is automatically deactivated.

Special destinations

Special destinations can be selected for navigation using voice control. For example, you can navigate to rest areas or petrol stations with a few voice commands during your trip.

Tap the **Destination entry** button on the main menu. Activate the voice control mode.

After the signal sounds, say the command **Special destinations**. The menu changes to display all available special destination categories; the navigation device prompts you to

select a **category**. To do so, wait for the signal to sound and then say the word underneath the symbol for the special destination (e.g. **Hotels**). It is important to say the word exactly the way it appears.

Note: If you select the **All categories** category, all available special destinations are shown in the form of a list. Select the desired category by saying the number of the respective list entry (**1-6**). You can use the commands **Up** and **Down** to move through the list if required.

Note: The **Help** command can be used to display all available commands on the navigation screen.

You will now be prompted for a location where you want to search for special destinations. You can search for special destinations in the vicinity of your **current location**, the **current destination**, **along the route**, the **centre of a town/city**, an **address**, a **favourite**, another **special destination** or a **position on the map**. To do so, use the exact text underneath the desired symbol as a voice command.

If you select the **Location** command, the system will search for special destinations in the vicinity of your current location.

Your **current position** cannot be determined if you have insufficient GPS reception. In this case, the map shows your last known position or the centre of the available map, and voice control is deactivated.

You can only use the **Current destination** command when navigation is active.

You can only select the command **Along the route** if you are navigating to a destination and are travelling along the calculated route.

If you select **City centre**, please proceed as you would when entering an address. Instead of a complete address, only enter the place name using voice control.

If you wish to select a destination from the 2nd destination entry screen, say the command **Scroll** or **Next.**

To search for a special destination **around a special destination**, select the command **Special destination**. You will then be shown a numbered list of the special destination categories that are available. Select a category by saying the appropriate row number. You can scroll through the entries with the arrow keys.

If you select the **Map position** command, your **current** or **last known position** is displayed depending on your GPS reception. Voice control is automatically deactivated.

Note: (Applies to the **Location** and **Map position** commands.) You **cannot** change the map position using voice control; instead, you have to tap the desired point on the map in order to move the push-pin indicator manually. Voice control is automatically deactivated.

Once you have clearly identified the location where you want to search for special destinations, a list of special destinations in the desired category is displayed. The special destinations are listed according to their distance from the defined reference location. After the signal sounds, say the number of the respective list entry (**1-6**) in order to select a special destination. The route is calculated automatically.

Then say the command **Navigation** to activate navigation mode. Voice control is automatically deactivated.

2.6.3 Voice control from the navigation view

Alternatively, you can start voice control via the **Rapid-access menu** on the navigation view. The destination entry screen will appear. You can continue with voice entry in the manner described above.

2.6.4 Voice control - Short command

The voice control's short command function allows you to use short commands to navigate immediately to a nearby POI (petrol station, car park, hotel, restaurant, fast food, hospital). The nearest POI in the appropriate category will automatically be navigated to.

Select destination entry via the **Main menu** or via the **Rapid-access menu** from the navigation view. Activate voice control in the manner described above.

To navigate to the nearest POI in the appropriate category, utter one of the following commands:

- "Nearest petrol station"
- "Nearest **car park"**
- "Nearest **hotel"**
- "Nearest restaurant"
- "Nearest fast food"
- "Nearest hospital"

The route to the nearest POI is calculated.

Requirement: GPS signals are being received.

Note: If you have already calculated a route, the search for the selected POI takes place **along the route**. If no route has been calculated yet, the search for the selected POI takes place **around your current position**.

Note: If the POI categories on your navigation device are not available because they might have been deleted, the **commands are inactive**. In this case, you must transfer the POIs which are supplied on the Content DVD to your navigation device again. Please consult the chapter on the Falk Navi-Manager for more information about this (cf. Chapter 5).

Note: The **Help** command can be used to display all available commands on the navigation screen.

2.7 Bluetooth® function (optional)

You can use the Bluetooth® function to establish a wireless connection between your navigation device and a Bluetooth®-capable mobile phone. This turns your navigation device into a hands-free kit.

2.7.1 Connecting devices

The first time you use your mobile phone or if you change your phone, the devices (mobile phone and navigation device) are not automatically connected even if they are in close proximity to each other. Initial setup is required so that they can communicate with each other in a wireless fashion.

Attention: Connected devices are the prerequisite for all available Bluetooth® functions.

Activate the Bluetooth® function on your mobile phone. Make sure that the setting allows your mobile phone to be found by other Bluetooth® devices as well. To find out how to activate the Bluetooth® function on your mobile phone, consult your mobile phone handbook. When the phone is activated, it can then be recognised by other Bluetooth®-capable devices. Ensure that no other programs are accessing the mobile phone.

Launch the Bluetooth® application on your navigation device by tapping the **Telephone** button under **Extras**. You can also launch the Bluetooth® application via the **rapid-access menu** by tapping the symbol.

The Bluetooth® application **main menu** is displayed. If no mobile phone is connected to the navigation device, all available buttons have a grey background and cannot be selected. Tap the coloured **Settings** button.

The display changes. Select **Mobile phone search** by tapping it. The system automatically searches for Bluetooth®-capable devices.

Note: If no compatible devices are found, a corresponding message will be displayed on the screen. If you tap the Ok button, the search for compatible devices is repeated. Select **Cancel** to return to the main menu.

The navigation device displays a list of all devices that were found. Use the arrow keys at the bottom of the screen to scroll through the list. Select an entry by tapping it.

Tap on the symbol to connect your navigation device to your mobile phone.

Password protection:

You will then be prompted to enter a password. Enter a numeric password of your choice. For security reasons, a minimum 4-character password is recommended. You can use the arrows to delete individual characters of the password if they were entered incorrectly. Once you have entered your password, confirm it with the Ok button. The default password is 1234.

The password you have selected also needs to be entered into your mobile phone. If the passwords from your navigation device and mobile phone match, the devices are connected. Once the devices have been connected successfully, an audible signal will indicate this to you. The application will switch to the main menu and the functions that are available with the connected mobile phone are active.

When the navigation device is restarted, the Bluetooth® application automatically attempts to connect to the last telephone that was used. The search process has to be launched manually using the magnifying glass symbol.

Use the curved arrow in the top-left corner of the screen to leave the current display and return to the next-higher display level.

2.7.2 Making telephone calls

Incoming calls

If you receive a call, this call is indicated by a ring tone.

But some mobile phones also support output of the mobile phone ring tone via the navigation device speakers.

Note: To change the ring tone set for the navigation system, tap Settings in the Bluetooth® application and select File manager.

Then click the [...] button after the path to Ring tone. Now you can select a ring tone in WAV format. You can also store your own WAV files and use them as ring tones.

To take the incoming call, tap the **green** telephone receiver symbol. To ignore the call, tap the **red** telephone receiver symbol.

You can use the speaker symbols to change the ring tone volume for the navigation device speakers. Tap the microphone symbol to mute the microphone, so that the person you are speaking to can no longer here you.

Missed calls

If you receive a call but are unable to take it, a message on the screen will notify you of the missed call; the number and date of the call are shown. If the caller's number is stored in the phonebook, the notification message will also include the caller's name. This function is not supported by all mobile phones. To find out if your mobile phone supports this function, please consult the compatibility list.

The Bluetooth® application will also ask you whether you wish to return the call. If you wish to do this, select **Ok**; otherwise, select the **Cancel** button.

Making a call

There are various ways to make a call using the Bluetooth® application. You can **enter a number**, transfer the **call list** or **phonebook** from your mobile phone and then use one of the entries to make a call. Furthermore, with **voice command** you can enter a number or call up a special destination.

Your mobile phone model determines which functions are supported. A list of supported mobile phones is available on the Internet at www.falk-navigation.de.
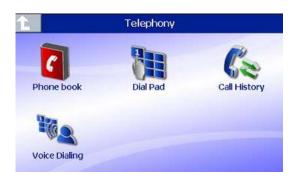
Entering a number

If you wish to enter a telephone number manually, tap on the **Telephony** button on the **main menu** of the Bluetooth® application.

Another screen will open up. Select the **Dial Pad** button and you can then enter the telephone number you want.

Note: International numbers must be preceded by + or 2 zeroes and the respective country code. For example, enter "+46" or "0046" for Sweden.

Note: You can use the arrow key to delete an incorrect entry. Once you have entered the correct number, tap the green telephone receiver to make the call.

If you cannot remember the number you want to dial, you can display the phonebook or call list by tapping on the symbol [icon]. More detailed information on how to enter a phonebook entry or a number from the call list can be found later on in this manual.

Selecting a number from the call list

To call up a number from a call list, select the **Telephony** button on the **main menu** of the Bluetooth® application.

Then select the **Call History** button.

You can display all of the calls that you have previously received, made or missed via your mobile phone or via the Bluetooth® application of the navigation device. A corresponding list is displayed when you click on the respective symbol.

[icon] List of received calls

[icon] List of dialled numbers

[icon] List of missed calls

You can use the arrow keys to navigate through the respective list in order to locate the number you desire. Select the number by tapping on an entry in the list. Information such as the time, date, and name of the caller if applicable is displayed for the selected entry.

In order to call the selected number, tap the **green** telephone receiver in the bottom right-hand corner of the screen. A connection is established to the selected number.

Entering a number using voice control - voice dialling (optional)

You can enter telephone numbers not just via the touch screen interface of the Navigator, but you also have the option of dialling telephone numbers with voice commands.

To do this, tap on the Telephone button on the main menu of the Bluetooth® application. Then select the **Voice Dialling** button.

After activating the voice control function, you will be asked by the navigation device to enter a telephone number.

Digits between 0 and 9 can be specified with a voice command.

Note: This means that individual digits, e.g. 1-2-3, are recognised by the navigation device, but not the number 123 (one hundred and twenty-three).

A maximum of 39 digits can be entered.

You can use the following voice commands to enter a telephone number:

- 0-9
- Two
- Star
- Hash
- Plus

You can tell from the microphone symbol whether the navigation device is ready for your digit specification. The microphone means that your voice entry is being registered by the navigation device.

Utter one of the following voice commands to delete/correct the block of digits entered last

- Correction
- Correct
- Correct number
- Correct telephone number
- Delete
- Correct the last digit
- Back
- Remove last digit
- Delete all
- Delete number
- Delete telephone number

Once you have finished entering the telephone number, you can dial it using one of these voice commands.

- Dial
- Dial number
- Dial telephone number
- Call
- Call number
- Call telephone number
- OK
- Apply

Voice control ends when you dial the telephone number.

You can stop entering a telephone number by voice command at any time with the voice commands

If you require any help while entering your telephone number, you can call up the help function with these commands

- Help
- Help function
- Possible commands

Selecting a number from the telephone book

To select a number from the phonebook, tap on **Telephone** on the main menu of the Bluetooth® application.

Then select the Phonebook button.

Select the button ![icon] to transfer the phonebook of your mobile phone automatically to the navigation device. The phonebook is displayed in a list.

You can click on the keypad symbol to show the keypad. You can search for a specific entry by entering a name. Confirm your entry with Ok.

Use the arrow keys to scroll through the list of entries until you find the entry you want.

Click on an entry to select it. If only one number has been stored for the selected name, this number is dialled automatically.

If address information has been entered or if several numbers (e.g. mobile, home, office) have been stored for the selected name, another screen is displayed to show this information.

Select the correct number by tapping it. The number is dialled automatically.

Note: Use the curved arrow in the top-left corner of the screen to leave the current display and return to the next-higher display level.

Calling a special destination

Your Falk navigation device features lots of special destinations such as restaurants, hotels and tips on good places to go out. In some cases, very detailed information such as descriptions, contact details and opening hours is stored for these special destinations.

Special destinations can be selected, for example, during destination entry or directly during the special destination search (cf. Chap. 3.3) and be displayed via a detailed view with all of the information that is available.

If one or more telephone numbers exist, a telephone receiver button is active in the **detailed view** for the special destination. Tapping on the telephone receiver activates the Bluetooth® application.

If more than one telephone number exists for a special destination, you will be shown a list of the available telephone numbers from which you can select the number you want and confirm this with **Ok**.

To ensure that the special destination can be called up via the Bluetooth® application, a Bluetooth®-capable mobile phone must be connected to the navigation device.

During the call

A telephone call is always initiated by tapping the green telephone receiver, which has a grey background while the call is active.

You can view details about the call while it is in progress. If the outgoing / incoming number is stored in the phonebook, the name is displayed. (**Requirement**: Your mobile phone must support this function.)

The volume can be regulated using the +/- buttons. The volume setting applies to the entire device. Changes affect all of the applications.

Tap the microphone symbol to mute the built-in microphone.

To hide the screen while the call is in progress, tap the button in the top right-hand corner. Tapping this button again redisplays the screen.

Tap the red telephone receiver to end the call.

2.7.3 SMS (optional)

You can receive and read SMS text messages, or have them read to you (optional), on your navigation device. To do so, your navigation device must be connected to your mobile phone.

Note: The SMS function is not supported by all mobile phones.

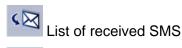Tap the **SMS** button on the **main menu** of the Bluetooth® application.

Tap on the [icon] symbol to transfer the SMS list of your mobile phone to the navigation device.
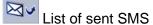
Note: In order for all SMS messages to be transferred to the Bluetooth® application of your navigation device, you require sufficient storage space. Depending on the product, the data is stored in the internal Flash memory or on the SD card. If you do not have sufficient storage space, the navigation device will display a corresponding notification message.

You can use the Falk Navi-Manager to delete files that you no longer require from the navigation device. For more information, please consult the Falk Navi-Manager manual.

 List of received SMS

 List of sent SMS
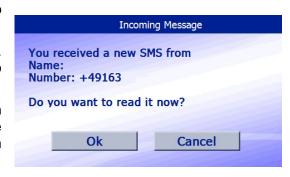
You can use the arrow keys to scroll though the particular list until you find the SMS you want. To read an SMS, select it by tapping it.

The SMS text is displayed in another screen. You can select the **green** telephone receiver to call the person who sent or received the SMS.

When you receive a new SMS, the screen displays a notification message. You can decide to read the SMS immediately or later. Confirm with Ok or Cancel.

Note: The notification message is only displayed if you have selected "Automatic notification of incoming SMS" in the **application settings**.

After you have read an SMS, you can call the person who sent or received the SMS by tapping on the **green** telephone receiver.

If you are not presently able to concentrate on the screen of the navigation device, you also have the option of having an SMS read out by the navigation device. To do this, please tap

on the button.

Note: This function is only available if your navigation device has the Text To Speech function.

If you wish to cancel the reading, you can stop it at any time by tapping on the button again.

You can use the arrow buttons to jump back and forth between the SMS. To exit this screen, please select the bent arrow.

2.7.4 File manager

You can use the file manager to transfer files stored on your mobile phone – such as image, audio and video files – to your navigation device.

You can access the transferred files with the picture viewer (optional) or MP3 player (optional).

Note: Please be aware that the file manager function is only available if it is supported by the Bluetooth® function of your mobile phone and the devices are connected to one another.

Select the **File manager** button on the main menu of the Bluetooth® application.

All available files are displayed. Depending on what mobile phone model you have, the list will already be filled when you open the file manager. If you see an empty list or you wish to update the display, tap on the ⟳ symbol.

Note: Some types of mobile phone will first ask you to release the files. Please consult the handbook for your mobile phone for details of how to release the files.

To transfer individual files, select a file from the respective folder by tapping it. Then tap on the ⟲ symbol.

You can view and if necessary change the storage location for the files in the Settings menu of the Bluetooth® application.

Note: If you wish to use audio files which you have transferred as the ring tone for the navigation device, the desired files must be stored as **WAV files**.

Note: Please ensure that you have sufficient storage space on the navigation device to transfer the files. If you do not have sufficient storage space, you can modify the storage location for the file which is to be transferred in the Bluetooth® application settings menu. If you still do not have sufficient storage space, you can use the Falk **Navi-Manager** to delete files you no longer need from the navigation device.

Transferring media data

In order to use media data interactively, you can use the Bluetooth® function of your navigation device to transfer media data – pictures and music files - from your Bluetooth®-enabled mobile phone to your navigation device. This data can then be used in the respective applications (e.g. Picture Viewer).

The following formats are supported:

Pictures: JPEG, BMP, GIF

Music: MP3

To transfer pictures, MP3, first select the Storage location on your navigation device. To do this, tap on the File manager button on the Settings menu of the Bluetooth® portal.

Select, by tapping on the ⟦ ... ⟧ button, the location where you wish to save the file (e.g. pictures/videos: My Flash Disk).

Confirm with **OK**. The content of your mobile phone is now displayed on the main menu under File manager.

You should now select the directory (e.g. photos or music files) from which you want to transfer the files. The files (e.g. photos) stored on your mobile phone are displayed.

You can use the arrow buttons to navigate through the different directory levels.

Select the file that you wish to transfer.

To transfer, tap on the button: ⟲ Tapping on the button ⟳ will take you back to the previous directory level and the display will be updated.

You can now utilise the files which have been transferred on your navigation device using the Picture Viewer or MP3 Player.

2.7.5 Hands-free

When you turn off the hands-free function in the Bluetooth® application, hands-free operation using the navigation device is deactivated. Your mobile phone is then used for audio input and output.

Select the **Hands-free off** button on the main menu of the Bluetooth® application in order to deactivate the hands-free function. The devices remain connected to each other and you still have access to the data on your mobile phone.

The hands-free off function is ideal if you want to have a private conversation that includes information not intended for your passengers.

You can use the Bluetooth® application settings to establish whether hands-free mode is automatically activated when the Bluetooth® application is launched and the devices are connected.

The hands-free function is active by default.

Settings

Mobile phone search: Tap on this button to search for Bluetooth®-capable devices.

Note: When no mobile phone is connected to the Bluetooth® application, all other mobile phone functions are deactivated.

Phonebook: Here you can stipulate whether the phonebook from the connected mobile phone is automatically **imported** to the navigation device or whether the phonebook entries should be **temporarily stored** on the navigation device.

Note: If another mobile phone is connected to the application, the downloaded data are overwritten so that nobody can access your private files.

SMS: You can decide whether **SMS** should be **automatically imported**, whether you want to be **notified** of new incoming text messages, and whether you want to temporarily **store** SMS messages on your navigation device.

If another mobile phone is connected to the application, the downloaded data are overwritten so that nobody can access your private data.

Note: When no mobile phone is connected to the application, all mobile phone functions are deactivated.

File manager: Set the **storage location** for media files. There are 2 different categories. You can view and modify storage locations for **files from the file manager** and for **ring tones**.

Note: If transmission of your mobile phone ring tone is not supported, you can use the **WAV files** which are stored here as "**custom ring tones**". This means that the WAV file is played back as a confirmation sound when two devices are successfully connected to each other. The storage location for the WAV files cannot be modified.

Hands-free: Setting for hands-free mode - automatically activated when the Bluetooth® application is launched.

Bluetooth®: Use this setting to establish whether the navigation device can be detected by other Bluetooth® devices.

Note: The search for other devices and the subsequent connection process must be launched via the Bluetooth® application on the navigation device.

3 Travel Guide (optional)

The Travel Guide is the multimedia electronic travel guide in your Falk Navigator. With the Travel Guide, you can discover romantic squares, cosy cafés, the finest delicatessens and everything else a town or city has to offer. In addition to the short descriptions of attractions based on carefully researched information, many destinations in the Travel Guide are presented using images as well. These give you a vivid idea of what you can expect to see during your trip before you have even set off.

With preinstalled, detailed MARCO POLO Travel Guide content for hundreds of cities and hundreds of thousands of POIs (**P**oints **o**f **I**nterest), in some cases with descriptive text, pictures and audio output, the Travel Guide is not just your perfect travel companion, but will also guide you to some extraordinary sights.

With the Falk Travel Guide you can also create your own Favourites to expand the preinstalled POIs and share them with other Falk users via the Falk Internet Community (cf. Chapter 5).

You can read more about the Falk Travel Guide in the Glossary.

The chapters which follow will describe to you how in the Travel Guide you can search specifically for tourist destinations, add new destinations, rate them and swap them and in so doing obtain the information you want about your destination.

3.1 Establishing a starting point

The first thing you need to do is establish a starting point for your search. The structure of the Travel Guide is then described so that you can search for specific tourist destinations or simply browse and find out more about the tourist attractions which are of interest to you.

You can choose a central point for your search when putting together a travel guide.

When it comes to selecting a central point for your search, you can choose your current location, a current destination (if you are navigating to a particular destination), a town/city centre, one of your **favourites** or a **destination close to your Home address**. You may also call up a Travel Guide or simply open a recent position which you already called up at an earlier point in time.

If your starting point is your current location, it is important that the navigation system has identified your current GPS position. If this is not the case, a map view will open. The last location saved will be shown in the map view. Tap the **Update position** button in the map view and your current position will be updated.

If the position displayed corresponds to your current location, tap **Continue**.

If you would like to create a Travel Guide for a particular address or town/city centre, you will be prompted to enter the address or the name of the town/city using the keypad.

If you would like to search for one of your **favourites**, you must first **create personal favourites** of your own. See Chapter 2.4.6 for details of how to do this.

Recent positions are displayed in a list. You can scroll between recent positions using the arrow keys. You can select an entry by tapping it. If you then click on the **OK** button, it will be established as the central point for your search.

Once you have established the central point for your search, a view with all available theme categories will appear.

3.2 Travel Guide theme category

Travel Guide destinations (POIs) are sorted according to specific themes. Each theme is identified by a symbol. As a result, you can see at a glance the content of a particular theme.

Depending on where you have established the central point for your search, all theme categories or only certain theme categories will be available to you. If the central point for your search is in a large city such as Berlin, you are certain to find destinations as well as additional information in all theme categories. If your search is centred on a smaller settlement or a rural area, only those theme categories for which Travel Guide destinations are available will be displayed.

If no destinations are available for a particular theme category, this category will not be displayed on the screen.

You can select a theme category by tapping on it.

3.2.1 Top Highlights

If you select the **Top Highlights** category, you need never worry about missing out on the most important attractions in your search area (e.g. Berlin city centre). Top Highlights are must-see attractions. It is useful to have a summary of all important attractions, particularly if you are only staying in your search area for a short period of time.

First click on the **Travel Guide** button in the main menu, establish the central point for your search and finally click on the **Top Highlights** button. All of the destinations available in your search area are shown in a list and are sorted according to distance. This means that destinations which are closest to the central point for your search appear first in the list.

Note: The distances in the POI list indicate the distance to the destination as the crow flies. The exact distance to be covered is not determined until the route is calculated.

Note: The **Top Highlights** category contains general destinations which can be found in other theme categories as well.

Detailed view

By tapping on the list entry again you can in the **detailed view** display further information (pictures, telephone numbers or descriptive texts) for a POI, or you can start route calculation by tapping on the Calculate button.

For further information on the **detailed view** for a list entry, please read Chapter 3.3.

3.2.2 Favourite lists

Define which of your favourite lists that you have created in the Falk Internet Community (cf. Chap 5.5) you wish to access in the Travel Guide.

Tap **Main menu> Travel Guide.** In a further step, you should stipulate your **search centre** (cf. Chap. 3.1) and then select the button **Favourite lists.**

Requirement: You have created your own favourite lists in the **Falk Internet Community** and transferred them to your navigation device. You can register at **places.falk.de** and expand your Travel Guide via the Falk Navi-Manager to include countless POIs with pictures, ratings and comments from other users. You can find out how to do this in Chapter 5 on the Falk Navi-Manager.

You will gain direct access to the favourite lists which you have transferred from the Falk Internet Community to your navigation device.

You can activate or deactivate the list you want via **Settings> Define favourite lists** by placing a tick against the relevant list. The content of the activated lists is available to you in the Travel Guide under Favourites. Confirm your selection by tapping **OK**.

All of the destinations which are available for your search centre will be compiled in the form of a list, sorted according to their distance. This means that destinations which are the shortest distance from the search centre are the first to be shown in the list.

You can now select one of your **Favourites** and calculate the route.

Note: The distances in the POI list give the distance to the destination as the crow flies. Only after the route has been calculated will the precise distance to be covered be determined.

Sort of Information

As part of the list display, you have the option of changing the method of sorting or filtering the data. To do this, tap on the **Sort** button at the top.

If you tap on the **Alphabetical** button, the entries (POIs) which are found will be sorted in alphabetical order. Furthermore, the entries can be sorted on the basis of the **Additional information** that exists. The entries for which, in addition to the standard information of name and address, further information (e.g. descriptions) exists are shown. When you tap on **Distance**, the entries are sorted according to their distance from your starting point. When you tap on **Rating** (cf. 3.3), the entries (POIs) will be sorted starting with the highest rating.

Note: Sorting according to rating is only possible if your own ratings have been transferred to the Falk Community, edited and transferred back to the navigation device.

Detailed view

You select a list entry by tapping on it. You can display further information by switching to the **Detailed view**, or you can start route calculation immediately.

The **Detailed view** which contains all of the available information (for example pictures, telephone numbers or descriptive texts) for a list entry opens up when you tap again on the entry – with a blue background – which has already been activated.

To find out more about the detailed view for a list entry, please read Chapter 3.3.

3.2.3 Favourites

In the Travel Guide you can access your personal favourites destinations and use them for destination entry and travel planning with the Travel Guide.

Tap **Main menu> Travel Guide.** In a further step, you should stipulate your **search centre** and then select the button **Favourites**.

To find out how to create favourites, please read Chapter 2.4.6.

All of the destinations which are available for your search centre will be compiled in the form of a list, sorted according to their distance. This means that destinations which are the shortest distance from the search centre are the first to be shown in the list.

You can now select one of your **Favourites** and calculate the route.

Note: The distances in the POI list give the distance to the destination as the crow flies. Only after the route has been calculated will the precise distance to be covered be determined.

Sort of Information

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Note: Sorting according to rating is only possible if your own ratings have been transferred to the Falk Community, edited and transferred back to the navigation device.

Detailed view

You select a list entry by tapping on it. You can display further information by switching to the **Detailed view**, or you can start route calculation immediately.

The **Detailed view** which contains all of the available information (for example pictures, telephone numbers or descriptive texts) for a list entry opens up when you tap again on the entry – with a blue background – which has already been activated.

To find out more about the detailed view for a list entry, please read Chapter 3.3.

Tip: The **Favourites** created in older Falk Navigator software can be transferred to become Favourites in the Falk Navigator 9.

To do this, transfer your **Favourites** to the **Falk Internet Community**. The favourites are saved there and are transferred back as **Favourites** to your navigation device. You can find out how to do this in Chapter 5 on the Falk Navi-Manager.

3.2.4 Attractions

First click on the **Travel Guide** button in the main menu and then on the **Attractions** button in the theme selection screen. A display with various sub-categories will appear.

You can now decide whether to search for all destinations worth seeing, to select only the highlights for the theme or to bring up only the Insider Tips from the Marco Polo editorial team.

If, for example, no Marco Polo Insider Tips are available for your search area, the Insider Tips category will not be displayed on the screen.

Depending on the sub-category chosen, available entries will be brought together to form a list. The entries in the list are sorted according to their distance from your current search point. The destinations which are closest to the central point for your search appear first in the list.

Note: The distances in the POI list indicate the distance to the destination as the crow flies. The exact distance to be covered is not determined until the route is calculated.

Sort of Information

You also have the option of changing the way in which the entries in the list are sorted or filtering the data. To do so, tap the **Sort** button at the top of the screen.

If you tap on the **Alphabetical** button, the entries found will be sorted into alphabetical order.

You can also filter the entries according to the amount of **Additional information** which is available. The entries for which additional information (e.g. descriptions) as well as the standard information (name and address) is available are shown. When you tap on **Distance**, the entries are sorted according to their distance from your starting point. When you tap on **Rating** (cf. 3.3), the entries (POIs) will be sorted starting with the highest rating.

Note: Sorting according to rating is only possible if your own ratings have been transferred to the Falk Community, edited and transferred back to the navigation device.

Detailed view

You can select an entry in the list by tapping on it. You can access additional information by switching to the detailed view or by starting the route calculation process straight away.

The **Detailed view** which contains all of the available information (for example pictures, telephone numbers or descriptive texts) for a list entry opens up when you tap again on the entry – with a blue background – which has already been activated.

To find out more about the detailed view for an entry in the list, please see Chapter 3.3.

3.2.5 Museums

First click on the **Travel Guide** button in the main menu. Then on the **Museums** button in the theme selection screen. A display with various sub-categories will appear.

You can decide whether to search for all museums, to select only the highlights for the theme or to bring up only the Insider Tips available.

If, for example, no Marco Polo Insider Tips are available for your search area, the Insider Tips category will not be displayed on the screen.

Depending on the category chosen, available entries will be brought together to form a list. The entries in the list are sorted according to their distance from your current search point. The destinations which are closest to the central point for your search appear first in the list.

Note: The distances in the POI list indicate the distance to the destination as the crow flies. The exact distance to be covered is not determined until the route is calculated.

Sort of Information

You also have the option of changing the way in which the entries in the list are sorted or filtering the data. To do so, tap the **Sort** button at the top of the screen.

If you tap on the **Alphabetical** button, the entries found will be sorted into alphabetical order.

You can also filter the entries according to the amount of **Additional information** which is available. The entries for which additional information (e.g. descriptions) as well as the standard information for the entry (name and address) is available are shown.

When you tap on **Distance**, the entries are sorted according to their distance from your starting point. When you tap on **Rating** (cf. 3.3), the entries (POIs) will be sorted starting with the highest rating.

Note: Sorting according to rating is only possible if your own ratings have been transferred to the Falk Community, edited and transferred back to the navigation device.

Detailed view

You can select an entry in the list by tapping on it. You can access additional information by switching to the detailed view or by starting the route calculation process straight away.

The **Detailed view** which contains all of the available information (for example pictures, telephone numbers or descriptive texts) for a list entry opens up when you tap again on the entry – with a blue background – which has already been activated.

To find out more about the detailed view for an entry in the list, please see Chapter 3.3.

3.2.6 Eating & Drinking

First click on the **Travel Guide** button in the main menu and then on the **Eating & Drinking** button in the theme selection screen.

The **Eating & Drinking** theme is subdivided into additional categories. For example, you have the option of searching for particular restaurants which serve a specific style of cuisine.

A screen showing additional sub-categories will be displayed. You can select these sub-categories by tapping them. The following categories are available: All, Highlights, Insider Tips, Beer Gardens, Bistros, Ice-Cream Parlours, Snack Bars, Asian, French, Italian, Regional, Seafood and Other.

If destinations in all sub-categories are available, these will be displayed, spread over three pages. You can move on to the next page by tapping the blue arrow.

If your search is centred on a smaller settlement or a rural area, destinations may not be available in all sub-categories. The corresponding sub-categories will not then be shown on the screen.

After you have selected a category, you will be provided with a list showing the destinations which were found within that category. You can move quickly through the entries in the list using the arrow keys. The list is initially sorted according to distance. This means that destinations which are closest to the central point for your search appear first in the list.

Note: The distances in the POI list indicate the distance to the destination as the crow flies. The exact distance to be covered is not determined until the route is calculated.

Sort of Information

Tapping the **Sort** button will bring up a screen in which you can change the sort and filter options currently selected.

If you tap on the **Alphabetical** button, the entries found will be sorted into alphabetical order.

If you tap on the **Price class** button, destinations in the "Inexpensive" (€) price class will be shown first, followed by "Mid Price" (€€) destinations and then those in the "High Class" (€€€) category. Destinations whose price class is not known are shown at the end of the list.When you tap on **Rating** (cf. 3.3), the entries (POIs) will be sorted starting with the highest rating.

Note: Sorting according to rating is only possible if your own ratings have been transferred to the Falk Community, edited and transferred back to the navigation device.

Detailed view

You can also filter the entries according to the amount of **Additional information** which is available. The entries for which additional information (e.g. descriptions) as well as the standard information (name and address) is available are shown.

You can select an entry in the list by tapping on it. You can access additional information by switching to the detailed view or by starting the route calculation process straight away.

The **Detailed view** which contains all of the available information (for example pictures, telephone numbers or descriptive texts) for a list entry opens up when you tap again on the entry – with a blue background – which has already been activated.

To find out more about the detailed view for an entry in the list, please see Chapter 3.3.

3.2.7 Shopping

The **Shopping** theme is subdivided into additional categories. For example, you have the option of searching for specific delicatessens or clothes shops.

Select the **Shopping** button in the theme selection screen. A screen showing additional sub-categories will then be displayed. You can select these sub-categories by tapping them.

The following categories are available: All, Highlights, Insider Tips, Antiques, Books & Music, Delicatessens, Chain Stores, Department Stores, Art Galleries, Markets & Flea Markets, Fashion, Jewellery, Shoes and Other.

If destinations in all sub-categories are available, these will be displayed, spread over three pages. You can move on to the next page by tapping the blue arrow.

If your search is centred on a smaller settlement or a rural area, destinations may not be available in all sub-categories. The corresponding sub-categories will not then be shown on the screen.

After you have selected a category, you will be provided with a list showing the destinations which were found within that category. You can move quickly through the entries in the list using the arrow keys. The list is initially sorted according to distance. This means that destinations which are closest to the central point for your search appear first in the list.

Note: The distances in the POI list indicate the distance to the destination as the crow flies. The exact distance to be covered is not determined until the route is calculated.

Sort of Information

Tapping the **Sort** button will bring up a screen in which you can change the sort and filter options currently selected. If you tap on the **Alphabetical** button, the entries found will be sorted into alphabetical order.

If you would like to sort the entries found according to distance again, tap the **Distance** button.

You can also filter the entries according to the amount of **Additional information** which is available. The entries for which additional information (e.g. descriptions) as well as the standard information (name and address) is available are shown.

When you tap on **Distance**, the entries are sorted according to their distance from your starting point. When you tap on **Rating** (cf. 3.3), the entries (POIs) will be sorted starting with the highest rating.

Note: Sorting according to rating is only possible if your own ratings have been transferred to the Falk Community, edited and transferred back to the navigation device.

Detailed view

You can select an entry in the list by tapping on it. You can access additional information by switching to the detailed view or by starting the route calculation process straight away.

The **Detailed view** which contains all of the available information (for example pictures, telephone numbers or descriptive texts) for a list entry opens up when you tap again on the entry – with a blue background – which has already been activated.

To find out more about the detailed view for an entry in the list, please see Chapter 3.3

3.2.8 Overnight Accommodation

The **Overnight Accommodation** theme is subdivided into additional categories.

You can search for highlights, particular Insider Tips or for particular hotels offering a specific level of comfort.

Select the **Overnight Accommodation** button in the theme selection screen. A screen showing additional sub-categories will then be displayed. You can select these sub-categories by tapping them.

The following categories are available: All, Highlights, Insider Tips, First Class, Mid Class, Inexpensive and Other.

The **Other** category includes hotels for which no information regarding price class or comfort level is available.

If destinations in all sub-categories are available, these will be displayed, spread over two pages. You can move on to the next page by tapping the blue arrow.

If your search is centred on a smaller settlement or a rural area, destinations may not be available in all sub-categories. The corresponding sub-categories will not then be shown on the screen.

After you have selected a category, you will be provided with a list showing the destinations which were found within that category. You can move quickly through the entries in the list using the arrow keys. The list is initially sorted according to distance. This means that destinations which are closest to the central point for your search appear first in the list.

Note: The distances in the POI list indicate the distance to the destination as the crow flies. The exact distance to be covered is not determined until the route is calculated.

Sort of Information

Tapping the **Sort** button will bring up a screen in which you can change the sort and filter options currently selected.

If you tap on the **Alphabetical** button, the entries found will be sorted into alphabetical order.

If you would like to sort the entries found according to distance again, tap the **Distance** button. When you tap on **Rating** (cf. 3.3), the entries (POIs) will be sorted starting with the highest rating.

If you tap on the **Price class** button, destinations in the "Inexpensive" (€) price class will be shown first, followed by "Mid Price" (€€) destinations and then those in the "High Class" (€€€) category. Destinations whose price class is not known are shown at the end of the list.

If comfort is an important factor when you are choosing a hotel, you can also sort the entries found according to comfort. Comfort is assessed using a star rating system. Five stars indicate the highest standard and one star the most basic standard. The star assessment system is identical to the conventional system used for assessing hotels. Certain tourist accommodation facilities such as bed and breakfasts are not assessed using the

conventional hotel assessment system. As a result, no stars are awarded. Overnight accommodation facilities of this type appear at the beginning of the list of special destinations. Information may not be available for certain other tourist accommodation facilities. You will find details of facilities of this type at the end of the list.

You can also filter the entries according to the amount of **Additional information** which is available. The entries for which additional information (e.g. descriptions) as well as the standard information (contact details / address) is available are shown.

Note: Sorting according to rating is only possible if your own ratings have been transferred to the Falk Community, edited and transferred back to the navigation device.

Detailed view

You can select an entry in the list by tapping on it. You can access additional information by switching to the detailed view or by starting the route calculation process straight away.

The **Detailed view** which contains all of the available information (for example pictures, telephone numbers or descriptive texts) for a list entry opens up when you tap again on the entry – with a blue background – which has already been activated.

To find out more about the detailed view for an entry in the list, please see Chapter 3.3.

3.2.9 In the Evening

The **In the Evening** theme is subdivided into additional categories. For example, you have the option of searching for specific bars, clubs or pubs.

Select the **In the Evening** button in the theme selection screen. A screen showing additional sub-categories will then be displayed. You can select these sub-categories by tapping them.

The following categories are available: All, Highlights, Insider Tips, Bars & Lounges, Cafés, Casinos, Clubs & Discos and Pubs.

If destinations in all sub-categories are available, these will be displayed, spread over three pages. You can move on to the next page by tapping the blue arrow.

If your search is centred on a smaller settlement or a rural area, destinations may not be available in all sub-categories. The corresponding sub-categories will not then be shown on the screen.

After you have selected a category, you will be provided with a list showing the destinations which were found within that category. You can move quickly through the entries in the list using the arrow keys. The list is initially sorted according to distance. This means that destinations which are closest to the central point for your search appear first in the list.

Note: The distances in the POI list indicate the distance to the destination as the crow flies. The exact distance to be covered is not determined until the route is calculated.

Sort of Information

Tapping the **Sort** button will bring up a screen in which you can change the sort and filter options currently selected.

If you tap on the **Alphabetical** button, the entries found will be sorted into alphabetical order.

If you would like to sort the entries found according to distance again, tap the **Distance** button.

You can also filter the entries according to the amount of **Additional information** which is available. The entries for which additional information (e.g. descriptions) as well as the standard information (name and address) is available are shown. When you tap on **Rating** (cf. 3.3), the entries (POIs) will be sorted starting with the highest rating.

Note: Sorting according to rating is only possible if your own ratings have been transferred to the Falk Community, edited and transferred back to the navigation device.

Detailed view

You can select an entry in the list by tapping on it. You can access additional information by switching to the detailed view or by starting the route calculation process straight away.

The **Detailed view** which contains all of the available information (for example pictures, telephone numbers or descriptive texts) for a list entry opens up when you tap again on the entry – with a blue background – which has already been activated.

To find out more about the detailed view for an entry in the list, please see Chapter 3.3.

3.2.10   Trade Fairs & Transport

The **Trade Fairs & Transport** theme is subdivided into additional categories. For example, you have the option of searching for specific railway stations or airports.

Select the **Trade Fairs & Transport** button in the theme selection screen. A screen showing additional sub-categories will then be displayed. You can select these sub-categories by tapping them.

The following categories are available: All, Railway Stations, Airports and Trade Fairs.

If destinations in all sub-categories are available, these will be displayed, spread over three pages.

If your search is centred on a smaller settlement or a rural area, destinations may not be available in all sub-categories. The corresponding sub-categories will not then be shown on the screen.

After you have selected a category, you will be provided with a list showing the destinations which were found within that category. You can move quickly through the entries in the list using the arrow keys. The list is initially sorted according to distance. This means that destinations which are closest to the central point for your search appear first in the list.

Note: The distances in the POI list indicate the distance to the destination as the crow flies. The exact distance to be covered is not determined until the route is calculated.

Sort of Information

Tapping the **Sort** button will bring up a screen in which you can change the sort and filter options currently selected.

If you tap on the **Alphabetical** button, the entries found will be sorted into alphabetical order.

If you would like to sort the entries found according to distance again, tap the **Distance** button.

You can also filter the entries according to the amount of **Additional information** which is available. The entries for which additional information (e.g. descriptions) as well as the standard information (name and address) is available are shown.

When you tap on **Rating** (cf. 3.3), the entries (POIs) will be sorted starting with the highest rating.

Note: Sorting according to rating is only possible if your own ratings have been transferred to the Falk Community, edited and transferred back to the navigation device.

Detailed view

You can select an entry in the list by tapping on it. You can access additional information by switching to the detailed view or by starting the route calculation process straight away.

The **Detailed view** which contains all of the available information (for example pictures, telephone numbers or descriptive texts) for a list entry opens up when you tap again on the entry – with a blue background – which has already been activated.

To find out more about the detailed view for an entry in the list, please see Chapter 3.3.

3.2.11 Art & Culture

The **Art & Culture** theme is subdivided into additional categories. For example, you have the option of searching for specific cinemas or theatres.

Select the **Art & Culture** button in the theme selection screen. A screen showing additional sub-categories will then be displayed. You can select these sub-categories by tapping them.

The following categories are available: All, Highlights, Insider Tips, Cinemas and Theatre & Opera.

If your search is centred on a smaller settlement or a rural area, destinations may not be available in all sub-categories. The corresponding sub-categories will not then be shown on the screen.

After you have selected a category, you will be provided with a list showing the destinations which were found within that category. You can move quickly through the entries in the list using the arrow keys. The list is initially sorted according to distance. This means that destinations which are closest to the central point for your search appear first in the list.

Note: The distances in the POI list indicate the distance to the destination as the crow flies. The exact distance to be covered is not determined until the route is calculated.

Sort of Information

Tapping the **Sort** button will bring up a screen in which you can change the sort and filter options currently selected.

If you tap on the **Alphabetical** button, the entries found will be sorted into alphabetical order.

If you would like to sort the entries found according to distance again, tap the **Distance** button.

You can also filter the entries according to the amount of **Additional information** which is available. The entries for which additional information (e.g. descriptions) as well as the standard information (name and address) is available are shown.

When you tap on **Rating** (cf. 3.3), the entries (POIs) will be sorted starting with the highest rating.

Note: Sorting according to rating is only possible if your own ratings have been transferred to the Falk Community, edited and transferred back to the navigation device.

Detailed view

You can select an entry in the list by tapping on it. You can access additional information by switching to the detailed view or by starting the route calculation process straight away.

The **Detailed view** which contains all of the available information (for example pictures, telephone numbers or descriptive texts) for a list entry opens up when you tap again on the entry – with a blue background – which has already been activated.

To find out more about the detailed view for an entry in the list, please see Chapter 3.3.

3.2.12 All Categories

The **All Categories** button provides access to additional categories such as tourist information centres, hospitals or amusement parks which are not included in the categories listed above.

All available categories are displayed in a list. You can scroll between the individual categories using the arrow keys. You can select one or more categories by tapping on them with your finger or a blunt object. Click on the **Continue** button to confirm your selection.

However, using the **Full text search** button, you can also search for a specific special destination within a number of categories. A search for the term is performed within the categories which were previously selected by tapping.

If you do not select a special destination category, a search for the term is performed within all categories during the full text search.

Enter the name or part of the name of the special destination, e.g. tower, using the keypad. A search for the term entered will then be performed among the headings and descriptions for the special destinations in the categories selected.

All available entries in the categories selected or the results of the full text search are then displayed in another list. The entries in the list are sorted according to their distance from your central search point. This means that destinations which are closest to the central point for your search appear first in the list.

Note: The distances in the POI list indicate the distance to the destination as the crow flies. The exact distance to be covered is not determined until the route is calculated.

Sort of Information

When you tap on the **Sort** button, you switch to a screen on which you can change the sorting or filtering option that is currently selected.

If you tap on the **Alphabetical** button, the entries which are found will be sorted in alphabetical order. If you wish to sort the entries which are found according to their initial sorting again, you should tap on the **Distance** button. Furthermore, the entries can be sorted on the basis of the **Additional information** that exists. The entries for which, in addition to

the standard information of "name" and "address", further information (e.g. descriptions) exists are shown.

When you tap on **Rating** (cf. 3.3), the entries (POIs) will be sorted starting with the highest rating.

Note: Sorting according to rating is only possible if your own ratings have been transferred to the Falk Community, edited and transferred back to the navigation device.

Detailed view

You can select an entry in the list by tapping on it. You can access additional information by switching to the detailed view or by starting the route calculation process straight away.

The **Detailed view** which contains all of the available information (for example pictures, telephone numbers or descriptive texts) for a list entry opens up when you tap again on the entry – with a blue background – which has already been activated.

To find out more about the detailed view for an entry in the list, please see Chapter 3.3.

3.3 Detailed view of a special destination

What could be better than to find out about travel destinations in advance and then to experience everything an unfamiliar town or city has to offer?

If you have already selected one or more special destination categories from a Travel Guide compilation or special destination search, would you now like to view individual entries in the list in greater detail?

If you select a **list entry**, this is shown with a blue background and it is now selected. If you tap on it again, you get to the **Detailed view**.

A travel destination is generally provided with **basic information** such as **address** and **telephone number**. However, images and/or more detailed descriptive texts are also available for a number of entries. Comprehensive **descriptive texts** which are taken from the **Marco Polo** travel guides are available for a number of destinations and in particular the **Top Highlights**.

The detailed view offers you, at a glance, all of the information which is available for the chosen POI.

In the POI detailed view, you can choose from the following functions:

	Adds the current POI to your list of favourites.	
	Shows the current POI on the map.	
	With this symbol you can search for a POI in the vicinity of the current POI.	
	You can use this button to rate the selected POI.	

By clicking on the photo at the top left (if one exists), you can open up a larger view of the picture. If several pictures exist for the chosen POI, you can use the arrow buttons at the bottom to scroll back and forth between the pictures.

In addition, you can zoom in or out of the picture.

1= Zoom into picture

2= Zoom out of picture

In the top section of the screen you will find further information about the chosen POI.

Note: Not all of the functions and information described here are available for every POI. If an option is not available, the corresponding button is not active or is not displayed on the screen.

If it exists, the following information is shown in the upper section of the screen:

The distance from the search centre

Your rating (and if you are using the Community connection, the Community rating)

With restaurants, if available, the price class: €€€ = Upmarket price class, €€ = Average price class, € = Cheap price class.

With hotels, if available, the comfort class: One star up to five stars

The importance and the themed category of the Marco Polo Travel Guide:

Importance-Icon		**Theme-Icons:**	
Marco Polo Insider Tipps		Eating & Drinking	
Highlights		Accomondation	
Top Highlights		Museums	
Standard		In the Evening	
		Shopping	
		Attractions	
		Art & Culture	
		Fairs & Transport	
		Falk Community	

4 Extras - Multimedia package (optional)

4.1 Address book (optional)

The Address book allows you to manage your personal contacts with all the relevant information, e.g. first name and last name, phone number etc.

This means that you can create, update, display and delete a contact.

Creating contacts (contact card)

Tap on this button to create a contact.

You can create your contacts via the keypad.

áü	Allows you to enter umlauts, special characters, symbols and numbers.
Lock	Switch between capitals and lower-case letters.
≈;!	Enter punctuation marks, special characters and symbols.
←	Correct your entry.
␣	Enter spaces.
← →	Move back and forth within the entry field.
OK	Save the contact which is to be recorded

Note: tapping on the 🔄 button will take you back (e.g. to the start page).

Recording mask

The entry category - of the contact card - e.g. General is shown at the top left in the first row of the menu.

You will find two arrow keys in the first row of the menu. You can use these to scroll back and forth in the menu of the contact card depending on what contact details you wish to record.

In the second row of the recording mask menu you will find the entry field for recording the data for your contact. Information about what entry you can make at this point appears in front of the entry field, e.g. First name.

If you wish to delete all of the data you have entered in the entry field, simply tap on the "Eraser" button. You will find this on the right directly next to the entry field.

You can record the following data for your contact (contact card):

General

- First Name
- Last Name
- Email
- Company

Phone

- Mobile
- Home
- Office

Home

- Street
- City
- State
- Zip
- Country

Office

- Street
- City
- State
- Zip
- Country

Updating contacts

On the first page of the Address Book, mark the contact that you wish to update.

To update this contact, activate the button ![icon] by tapping on it once.

Depending on which entry category (General, Home, Phone, Office) you wish to update your contact's details in, select the relevant entry category by tapping on the respective button.

Confirm the details you have entered by tapping **OK**.

Deleting contacts

On the first contacts page, mark the contact that you wish to delete.

To delete this contact, you should tap on ![icon] .

Please acknowledge the request by tapping on the ![icon] button once.

Tap the ![icon] button to exit the Address Book.

Contact synchronisation with MS Outlook®

Contact data from the Address Book can be synchronised with contact data from your PC/laptop. The prerequisite for this is that you have MS Outlook®.

Start the MS Outlook® application using the button Start > Applications > Outlook.

Then please use the USB cable to connect your navigation device to your PC/laptop.

Requirement: Please wait until the connection is made with "ActiveSync®".

You should then start the PC-Sync application. This is done via the button **Start > Programs > Falk > PC-Sync.**

Once you have started the PC-Sync application, you can either export or import the contact data from your PC/laptop to your navigation device.

If you would like to transfer contact data from your PC/laptop to your navigation device, please carry out the following step: File > Export to PND.

If you would like to transfer contact data from your navigation device to your PC/laptop, please carry out the following step: File > Import from PND.

The exchange of data then takes place. Once the data has been successfully transferred, please carry out the following steps:

Please shut down the PC-Sync application and then remove the USB cable.

4.2 Picture Viewer (optional)

The Picture Viewer is a mobile Picture Viewer which allows you to view and manage photos on your navigation device.

Transferring/storing photos

The photos must be stored on an **SD memory card** (e.g. transfer with the aid of a card reader) or in the directory **My Flash Disk\Photos** on the navigation device (the data is transferred when you connect your navigation device to the PC).

Formats supported: JEPG, BMP, GIF

Viewing & managing photos

The Start menu of the Picture Viewer automatically shows folders containing pictures. If you tap on the folders, this will show on the display the pictures which are stored on the SD card or in the Flash memory. Further pictures can be displayed using the arrow buttons on the right-hand edge of the screen.

You can use the button to navigate up and down a level in the folder structure.

A double-click on the appropriate picture opens up the view of a photo in full-screen mode. At the right side of the picture there are buttons for various options which will now be explained from top to bottom.

Back to the album view
Rotate by 90° (anticlockwise)
Rotate by 90° (clockwise)
Zoom in (make picture bigger)
Zoom out (make picture smaller)
Back to previous picture
Next picture

Slide show

To activate the slide show, you need to be on the folder overview screen with the visible

photos on show. The slide show starts when you tap on the button .

To stop the slide show, simply tap on any point on the screen.

4.3   Currency converter/calculator (optional)

Your mobile navigation device includes an integrated Currency converter which supports approx. 80 different currencies and can also be used as a calculator.

The Currency converter allows you to convert amounts flexibly between the available

currencies in any constellation you wish.

Attention: The exchange rates which are preset must be replaced by the current exchange rates for the particular language during the conversion process.

As well as simple basic arithmetic, the Calculator is also able to do more complicated square, percentage and root calculations.

You can use the or button to switch back and forth between the Calculator mode and the Currency converter mode.

Currency converter

If necessary, press the button to display the Currency converter.

At the top left corner of the input display, the two currencies for which calculations were done most recently are displayed.

At the start of each calculation, please select the two currencies you wish to convert between (e.g. USD into EUR). To do this, tap on the small triangle next to the respective currency displayed.

The selection window for the Currency appears and the field in which the current Exchange rates can be entered for the currency.

Tapping on the small triangle in the currency window opens up a dropdown list containing all of the available currencies. You should now select a currency you desire

To keep the exchange rates up to date, they should be updated at regular intervals. To do this, enter the current exchange rate in the Rate field by marking the number you have entered and then entering the current exchange rate with the aid of the number entry fields.

The basis for the respective exchange rate is the USD for all currencies.

You can tap on the Back button to switch back to conversion mode.

You should now select the currency into which you want to convert in the same way.

Example: conversion of $50 (USD) into EUR.

Select USD (has a blue background when selected) and enter 50 with the aid of the number entry button.

Now tap on the EUR symbol, and the amount in EUR will be displayed.

Tap on the button to exit the Currency converter.

4.4 MP3 Player (optional)
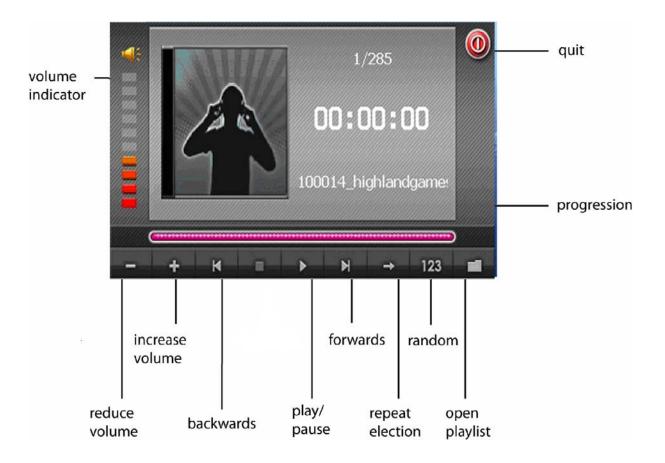
On the interface of the MP3 Player you can select titles, compile playlists, adjust the volume and manage various playback functions.

Formats supported: MP3

Tip: To prevent problems with storage space on your navigation device, load the MP3 files you want onto an SD card and insert this into your navigation device.

The playing of the MP3s is interrupted for the navigation announcements so that you do not miss any instructions. You may of course also use the MP3 Player when you are not actually using the Falk Navigator for navigation.

Below you will see an overview of the control elements for the MP3 Player

Playlist: Mark "All Music" on the title selection screen. All of the audio files saved with the respective title will appear. To play a title, you should press the "Play" button. If you wish to start with another title, you should mark another audio file with its specified title accordingly and then tap on the "Play" button.

 With the aid of this button you can mark an audio file as a favourite and allocate it to one of 5 favourite lists by selecting favourite 1-5.The chosen favourites will then be available to you in the playlist under the respective favourites list.

 Browse for music titles

Note: If you play back audio files while you are navigating, the audio output will be muted during the navigation announcements.

4.5   Games – BubbleBreaker (optional)

What is BubbleBreaker?: BubbleBreaker is a game where the idea is to remove coloured balls from the playing area. You can remove balls when several balls of the same colour are directly next to one another or above one another. The balls drop down from above to fill in spaces which are cleared and depart to the right in columns when a whole column is empty. The aim is to remove all of the balls from the playing area.

As many adjacent balls of the same colour as possible must be clicked on (min. 2). After repeatedly clicking on the points which have already been marked, they can burst and balls drop down from above to fill in the gaps. This then produces new colour constellations. The more balls of one colour are marked and burst at the same time, the greater the number of points that can be attained.

The more coloured balls are burst at the same time, the more points can be obtained and the higher up the high-score list and level you will be at the end. The first three balls which are burst receive one point each. Each further ball receives two more points. If the group of balls to be removed touches the bottom, each ball which is removed receives five further points. If at the end of a game there are fewer than five unburst balls on the screen, further additional points are awarded.

The **Score** button shows the current number of points. The button starts a new game. The **Standard/Continue** button changes the play mode.

You can end the game with the button.

4.6 Games – Galaxy (optional)

What is Galaxy?: Galaxy is a game where you must steer a spaceship from left to right and in doing so must steer clear of attacking spaceships and shoot them down.

Your objective is to shoot down the enemy attackers and in doing so avoid being hit yourself as far as possible. Your spaceship fires automatically and can be moved to the left and right using the arrow keys at the bottom edge of the screen.

The following points can be obtained by shooting down the enemy objects:

- UFOs: 100 points
- Small attackers: 20 points
- Other spaceships: 5 points

You can use the button to start a new game or pause it.

You can use the button to exit the game.

4.7 Games – Sudoku (optional)

What is Sudoku?: Sudoku is a popular logic puzzle where the aim is to fill a 9x9 grid with the numbers 1 to 9 in such a way that each digit only occurs once in a column, in a row and in a block (3x3 small square).

Sudoku - the rules: A Sudoku consists of 9x9 boxes which are additionally divided up in 3x3 blocks with 3x3 boxes. Each row, each column and each block may contain all of the numbers from 1 to 9 just once in each case. Numbers are already provided in some boxes.

The level of difficulty of a Sudoku puzzle may be dependent on how many numbers are preset or else be dependent on the position of the specified numbers.

As each number may only occur once per row, column and block, the positions for other numbers with this value may be eliminated by looking at the preset numbers.

Playing Sudoku: After selecting the Sudoku game, the game interface appears on the screen of your navigation device.

When you first call it up, you will already see the preset game interface featuring the first game. To start a new game, tap on the Menu>New button on the right-hand edge of the screen.

To save a game, tap on **Menu>Save**. To load a saved game, tap on **Menu>Load**.

To fill the Sudoku box with a number, tap on the box that is to be filled. A selection window containing numbers from 1 to 9 will appear. Select a number by tapping on it. The box will be filled.

At the bottom of the play area you will find the numbers 1 to 9. Tap on a number (e.g. 7) and all identical numbers (all 7s) which are already entered in the playing area will be shown marked in blue on the play area to assist you. This provides you with a better overview of the current status of the game.

To receive help in filling in the boxes, tap on the "123"-button to switch the help function on and off.

To go back a step, tap on the button ↻.

The button at the bottom right of the screen allows you to vary the level of difficulty of the game. There are four levels of difficulty ranging from "**Easy**" to "**Expert**".

Tapping on the ⏻ symbol at the top right of the screen ends the game.

5   Falk Navi-Manager

In this chapter you will be given a brief introduction to the Falk Navi-Manager. The following explanations relate to version 2.1 of the Navi-Manager. If you are now using a newer version, you can find information about this in the program help. You can get to the help section via the ? in the menu bar of the Navi-Manager program interface. There you will also find detailed information about the functions which are outlined below, and about further functions.

The Falk Navi-Manager allows you to keep the data on your mobile Falk navigation device right up to date at all times. You can use the Falk Navi-Manager to transfer up-to-date country maps, speakers, POIs, tours, speed camera detector data and Premium GPS data (optional).

The Navi-Manager also ensures that the navigation device is regularly supplied with the latest experiences from trips made by all Falk users (cf. Learning Navigation Chapter 6). This ensures that the Falk navigation device always navigates on the fastest routes at individual times, depending on the weekday and the time of day.

In addition, you can use the Navi-Manager to transfer individually compiled content from the Falk Online Community to the navigation device. You can also create your own "**Favourites**" on the navigation device and transfer them to the Online Community.

Since the storage capacity on your navigation device is limited, the Falk Navi-Manager also allows you to manage your data; for example, you can limit the data stored on your navigation device to that currently required and move additional data to a memory card or your PC.

The Falk Navi-Manager provides you with the following functions:

- Update navigation software
- Transfer up-to-date map data (Falk map subscription)
- Set up, activate and change the theft protection (cf. Chap 1.3.1)
- Transfer tours from the Falk Online Route Planner to the navigation device
- POI-import e.g. from Google Earth
- Update speed camera locations
- Manage grid maps

5.1   Introduction to the Falk Navi-Manager

First you need to install the Falk Navi-Manager on your PC. To do so, insert the Content + Navi-Manager DVD included with your device into your PC drive. Double-click on the file "setup.exe" and then follow the instructions provided by the installation assistant.

An important requirement for the Falk Navi-Manager to work is the software ActiveSync® and Adobe Acrobat Reader. If these programs are not installed, you can install them using the installation assistant.

Note: ActiveSync® is no longer required with Windows Vista or Windows 7.

Now use the USB cable to connect your navigation device to your PC. You will be asked by the ActiveSync® program whether you wish to set up a partnership. Select **No** and then click on the **Next** button.

Start the Falk Navi-Manager by clicking the Windows start menu: Start / Programs / Falk Navi-Manager. Alternatively, you can double-click the Navi-Manager icon placed on your desktop during installation. The Falk Navi-Manager interface then opens.

Note: If the Navi-Manager does not recognise your device, you will be prompted to update the device files. You can copy the files from the Content + Falk Navi-Manager DVD or download them from the Internet. The Navi-Manager will guide you through the required steps.

To copy content such as maps, speakers, etc., insert the Content + Falk Navi-Manager DVD included with your product into the drive of your PC.

5.1.1 First start

When you first start the Falk Navi-Manager, an assistant for setting up the regular update requests appears. The Navi-Manager then carries out an automatic update search on each start and updates the data which is selected initially. The following updates can be selected:

- Speed camera data
- Premium GPS data (optional)
- Learning Navigation
- Navi-Manager updates
- Updates to the navigation software
- News window

The update settings can be changed at any time via the menu bar **Options>Settings**.

In addition, when you first start you will be given the option to enter your login data for the **Falk Online Community** and to save this data to allow automatic login. If you already have login data from the sites places.falk.de or falk.de, you can use this data. Otherwise you can also re-register via an Internet link.

In relation to the Falk Online Community (places.falk.de), you also have the option of copying favourites and ratings created on the navigation device to your private page in the Online Community. There you can then add the favourites to new or existing lists or allow other Community members to view them. You can find out more details about favourites and ratings on the navigation device in Chapter 3 of this manual. You can read more about the Falk Online Community in Chapter 5.5 of this manual.

Note: The requirement for the automatic updates and the exchange of data with the Falk Online Community to work is an active Internet connection.

5.2   Transferring content

A: All available data are grouped in various categories. The following categories are displayed as tabs at the top of the screen: National maps, POIs (special destinations), My Favourites, cities, tours, speakers, software and grid maps (optional).

Click on the tab of your choice to display an overview of all data for this category in the form of a list.

The headings and symbols in the overview indicate where the data for the various categories are stored. The data can be stored on the navigation device

- ▢ in the internal memory (Flash Rom)
- 🆂🅳 on the SD card,
- 🖥 on the PC,
- 💿 on CD/DVD or
- 🌐 on an Internet server

Important: An active internet connection is required to download data from the internet.

🖥 The selected data is copied from the PC to the SD card.

🖥 The selected data is copied from the PC to the PND flash memory.

🗑 The selected data is deleted from the internal flash memory.

🗑 The selected data is deleted from the SD card.

🗑 The selected data is deleted from your PC.

Please note that the storage capacity of the flash ROM and on the SD card is limited. The utilisation of the PND flash memory and the SD card is indicated by bars. If you want to copy files but do not have sufficient storage capacity in the flash ROM or on the SD card, you can delete unneeded files (e.g. map material for countries you will not be visiting in the near future) from the flash ROM or the SD card. If only the flash ROM is full, you can use an SD card in addition. (The size of the flash ROM depends on the product. With some products, using an SD card is mandatory.)

Note: To speed up the data transfer process, you can transfer the data to an SD card in a card reader. The requirements for this to work are that the navigation device is connected to a PC throughout the transfer process and that there is no SD card in the navigation device.

Select the function button **Copy from PC to SD card** on the screen view of the Navi-Manager. From the list which then appears, select the removable data carrier to which you would like to copy the selected elements. The copying process starts after you have made your selection. After the copying process is complete, the SD card can be removed from the card reader and inserted into the memory card slot on your navigation device. Please then disconnect your navigation device from your PC so that you can access the data which has been transferred.

5.2.1 Falk newest maps

If when you purchase your navigation device Falk has newer maps available than the ones which are preinstalled, you will receive the latest maps to download free of charge within 30 days.

This service is provided to you via the Falk Navi-Manager.

Open the Falk Navi-Manager. Make the following selection in the menu bar: **Service>Falk Newest Maps.** If you are authorised to do so, you can download the new maps and POIs by tapping on **Download**.

Attention: File size at least 2 GB. Please ensure that there is enough memory space available on your PC (in the download directory).

Once they have successfully been downloaded, the new maps + POI data will be shown on the country maps or POIs tab with a PC symbol. You can transfer them to your navigation device in the manner described in Chapter 5.2 above.

Note: Before you transfer the new map and POI data, all old data must be deleted from your navigation device.

5.3   Compiling a tour of your own on your PC

The Falk Navi-Manager offers you the option of planning your own tours on your PC via the Online Route Planner. You also have the option of transferring the tours which you have planned in this way to your navigation device and then using them in your navigation.

Important requirements for using this function are to have an active Internet connection and to connect your navigation device to your PC using a USB cable.

You should initially proceed in the manner described in the introduction.

When the Falk Navi-Manager is open, you will find the **Service** item on the menu bar. Select the **Falk Route Planner** option.

You will be guided directly to the Internet pages of Falk. There the route planner gives you the option of planning a route. Enter your start and destination addresses and then click on Plan route. If you wish, you can also create stop-off points for your tour.

In the top menu bar, the button **Transfer tour** is activated and the route is then calculated. The tour is transferred to your device. An entry field now appears in which you can enter a name for your tour. This name is then adopted as the tour name on the navigation device.

You will find the tours which you have transferred to the navigation device in the **main menu** of the Falk Navigator under the menu item **Tours**. Select the tour by tapping on it and then tap on the **Calculate** button. You can now navigate your way through the tour you have compiled.

Note: You also have the option in the Navi-Manager of accessing predefined tour. You will find these in the Navi-Manager under the Tours button. These tours can also be transferred to the navigation device. You will then find them in the Falk Navigator also on the main menu under the menu item Tours.

Important: The tours which are created in the Falk Navi-Manager via the Falk Route Planner and are transferred to the navigation device do not appear under the Tours button in the Navi-Manager. Tours which you have created yourself in the Falk Navigator do not appear there either.

5.4 Importing POIs

On Falk.de, Google Earth and lots of other Internet sites, a large number of POIs (Points of Interest) are available to download. Provided that these POIs are available in a **KML or KMZ format**, you can transfer them to your navigation device via the **KMP Import Plugin** of the Navi-Manager.

Visit the corresponding Internet site from which you want to download the KML files, e.g. www.falk.de.

KML files from falk.de

At www.falk.de, go to the entry menu (top left) and enter an address within the vicinity of which you wish to search for POIs. On the right next to this entry section you can select a subject for the search, e.g. Restaurant, Cinema etc.

You complete your entries by confirming them using the "**show**" button. Beneath the entry section you will be shown a selection list of POIs. In addition, you will be shown a map with the POIs highlighted on it.

To select the POI which you wish to transfer to your navigation device, click on the corresponding POI on the map directly or select it by clicking on it in the selection list. After selecting a POI, an info window belonging to the POI appears.

Now select the **Tool** button. A list will open up. You should now choose **Save** and **For my Falk Navi**.

The POI will be saved on your PC as a KML file.

KMZ/KML files from Google Earth

You will also find lots of interesting POIs at Google Earth. The text below describes how you can include several POIs as a new POI category.

Note: Falk has no influence on the functions of Google Earth which are described in the instructions. There may therefore be changes to the procedure which is described.

Start the program Google Earth.

In the search box at the top left, enter a city and a subject category (e.g. "Stuttgart" and "Museums").

Selection of the POIs which are to be used:

You can select blocks of POIs by adopting the umbrella term (e.g. "Museums (1 – 10)") by clicking on the right-hand mouse button and then selecting the menu item "Save to "My Places"".

Adopt individual POIs by clicking on the right-hand mouse button and then selecting the menu item "Save to "My Places"".

The selected POIs are displayed under "My Places".

Further POIs, including from other cities, can now also be added to "My Places" in the manner described above.

Click on "My Places" with the right-hand mouse button and select the menu item "Save as....". The file can now be saved on the PC as a KML/KMZ file.

KML/KMZ Import in the Falk Navi-Manager

The following section describes how KML and KMZ files can be imported to the navigation device via the Navi-Manager.

Start the Navi-Manager. On the Navi-Manager interface in the menu bar under "**Plugins**", call up the menu item "**KML Import Plugin**".

The window for the import assistant will then appear here. Acknowledge this by clicking on the "**Next**" button. You should use the "**Select**" button to select the KML or KMZ file you want on your PC or another data carrier. Then press the "Next" button.

In the next window, you need to allocate an individual category name to your POI category. You also have the option of storing more detailed information about the particular POI category here. Once you have provided the POI category with a name and the information you wish, confirm the details you have entered once again by clicking the "**Next**" button.

In the next step, you have the option of selecting an **Icon** which will be displayed on the map for the respective POIs. You will be shown a small selection of icons to choose from.

However, you can also select an **icon** of your own from your PC (if present). This icon should have a **resolution of 72 dpi** and the image size **16x16 pixels**.

Finally, confirm your entry again with the "**Next**" button.

If you do not specify a dedicated icon, the standard icon will be used to show the POI on the map.

The final window summarises the information for the POI category which is to be imported once again. When you click on the "**Complete**" button, you start the conversion process.

Note: The conversion may take a little while.

The converted POI category appears automatically after a few seconds in the tab "My **Favourites**". The POI category is now located on the PC. To transfer the POI category to the navigation device, you must click on the right-hand side of the window on the button "Copy from **PC > Flash**" or "Copy from **PC > SD card**".

Following a successful transfer, the dedicated POI category will be stored on the navigation device for further use. Please consult the software manual for more details about how to use POIs with the Falk Navigator.

Note: The POIs imported via the KML Import Plugin cannot be rated on the navigation device.
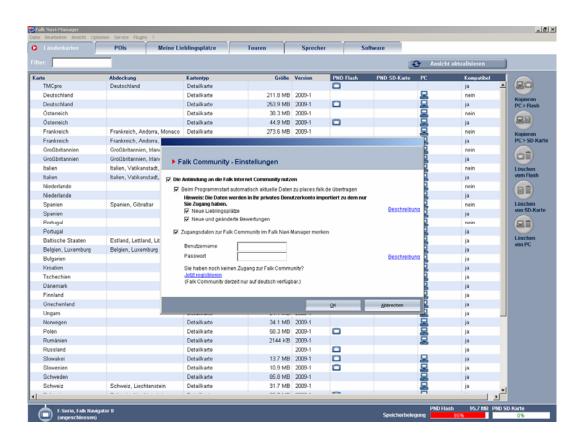
5.5   Falk Online Community "places.falk.de"

In addition to the preinstalled, detailed MARCO POLO Travel Guide content for hundreds of cities with hundreds of thousands of POIs (Points of Interest, e.g. hotels, attractions, etc.), you can create your own POIs on your device and rate them with up to five stars on your navigation device.

So that as many Falk customers as possible can find out about your POIs, you can connect your device to your PC and transfer your POIs via the Internet to the Falk Community. The Falk Community does of course also help you to expand your own Travel Guide 2.0 content because you can download countless POIs with pictures, ratings and comments from other users to your device.

To be able to use these functionalities via the Navi-Manager, you first require free access with a user name and password. If you already have login data from the sites "falk.de" or "places.falk.de", you can use this data. If not, register at "places.falk.de" using the button "Register now for free!".

5.5.1 Use "Favourite lists" from the Community

By clicking on the tab "My Favourites" on the main window of the Navi-Manager, you will be shown an overview list of your "own" available POI collections.

These may firstly be POI collections which were generated with the KML Import Plugin (cf. 5.4).

Secondly, your own "favourite lists" can be found here. They exist at "places.falk.de" (to create a new favourite list at "places.falk.de", click on the menu there on "My favourite lists" and then on the tab "Create"). The favourite lists from the Community are only shown if you are currently logged into the Community via the Navi-Manager.

The abovementioned "own" POI collections from a KML import or from "places.falk.de" can be transferred to the navigation device in the usual way. Content in the Online Community is shown with a globe symbol.

5.5.2 Upload new "Favourites"

Favourites created on the navigation device can be transferred from the navigation device to the private area of the Falk Online Community. "Private" in this instance means that the transferred favourites are not on display to other Community members. To start the transfer process, you need to access the menu under "**Edit**" and click on "**Transfer new favourites to the Falk Community**". These "**favourites**" can then be processed further in the Online Community, i.e. descriptive texts, photos, etc. can be added. In addition, the "**favourites**" can also be made accessible to the other Community members there. You may of course include the "favourites" which have had extra information added to them in a "favourite list" and then transfer this list to the navigation device again.

If the automatic update function is set appropriately, the upload of the "favourites" will be performed automatically each time the Navi-Manager is started.

5.5.3 Upload new and amended ratings

You can give a rating of 1 to 5 stars on the navigation device in the detailed view for a POI. This allows you, for example, to rate a restaurant that you have visited. You can upload these ratings to the Falk Online Community, where they will be combined to create an overall rating. To do this, you need to access the menu under "**Edit**" and click on "**Transfer new and amended ratings to the Falk Community**".

If the automatic update function is set appropriately, the upload of the new and amended ratings will be performed automatically each time the Navi-Manager is started.
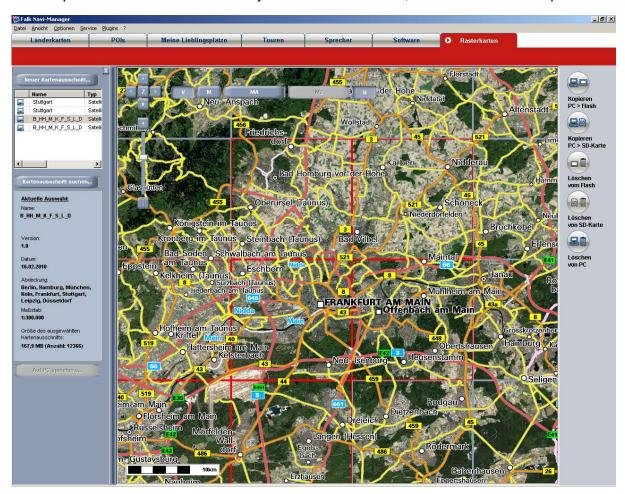
5.6 Software

On the Software tab you will be shown software updates which are compatible with your device. Moreover, you will be shown additional products which will allow you to expand your device to include specific functions (e.g. 3D buildings). If you click on **"Buy"**, you will automatically be redirected to the Falk Online Shop where you will receive further information about the additional products and have the option to buy them.

5.7 Grid map management (optional)

You can manage your aerial maps using the Navi-Manager. You can alter the preinstalled grid maps or, if you have purchased the additional product Grid maps, you can define your own map details and transfer them to your device. To do this, switch to the Grid maps tab.

You will find map details which already exist in the table on the left.

To create a new map details, click on "**New map detail**" and select a map. Click at the top edge of the map on the button [hand icon] to move the map to the region you want.

You can use the slide control on the left-hand side to alter the scale. Click on the plus symbol to zoom in and on the minus symbol to zoom out. To create a map detail, you must first zoom sufficiently far into the map until you see a division into square map sections (tiles) on the map.

Then click on the button [arrow icon] at the top edge of the map to mark individual tiles. Click on the tiles you want. They will then be marked in colour.

On the left-hand side you will then see detailed information about the marked tiles.

Once you have selected all of the tiles you want, click on **"Save to PC"** to save the map detail.

For details of the further functions for grid map management, please consult the Help section of the Navi-Manager. You can access this Help section by clicking on the question mark on the menu bar.

6   Appendix

6.1   Glossary

Auto-memory function

The auto-memory function is one of the features on your Falk Navigator: the device remembers your previous entries and makes them available again quickly and easily where required. This reduces the time you require to enter the destination by up to 80%.

Bluetooth®

Bluetooth® was developed approximately 10 years ago in order to replace cable connections. It is a standardised wireless technology platform used to network devices over short distances. Bluetooth®-capable devices can communicate with each other and exchange data.

Button

The main menu and the settings menu are made up of buttons. A button is the name given to the symbols on the screen interface which you can use to navigate your way through the menu of the Falk Navigator. The graphic symbols are always also explained in more detail with a text description.

Buttons are also the fields which are used primarily to enter destinations. Only in rare cases are symbols used here; instead text is used to describe the function of the buttons, e.g. Back, Map or Zip.

Screen: A screen is understood to be the screen interface shown on the Falk Navigator.

CityActive

CityActive is the name given to navigation which incorporates public transport.

Clickable POIs

POIs are points of interest which are indicated on the map view by small symbols (see POI). They can be selected by touching them and you will then be shown more information about them.

Internet Community - places.falk.de

The Falk Internet Community offers you the option of creating your own favourites on the Internet with their own name, address and descriptive text. Furthermore, you can add photos to a favourite and give them your own personal rating. All of the users in the Online Community can write a comment on a favourite or give a rating in the form of 5 stars. An average of all the ratings is formed and shown.

Favourites can be synchronised with all their information easily and conveniently with the navigation device via the Falk Navi-Manager. This means that all of the information from the Internet Community is available on the navigation device as a POI. The data can be integrated there into the Travel Guide or also be used for a range of different search functions.

GPS

The **G**lobal **P**ositioning **S**ystem is a satellite-based system for global positioning. The standard GPS satellite system can be used to determine your location at any time – assuming that a GPS signal can be received – and is accurate within 15 metres or less.

Learning Navigation from Falk

The navigation device can learn and memorise routes which you travel and also routes which are travelled by other Falk users.

Requirement: You transfer the routes you have travelled with the Falk Navi-Manager completely anonymously to the Falk map server and in return for this you will receive the data gathered from all users to download free of charge.

Your learning Falk navigation device permanently registers how quickly you are actually making progress. For this purpose, each navigation device memorises the current data for the routes which are travelled. If the destination was reached more quickly than planned, for example because as a person with local knowledge you found a cleverer route to the destination for the current time of day, the system registers this.

The likely level of traffic is therefore taken into account when calculating a route depending on the **time and day** you are travelling. This means that your navigation device will guide you to your destination more quickly, with no stress and using less fuel via the cleverest Falk route.

Your Falk navigation device gathers new knowledge and transmits this to the Falk map server completely anonymously and only with your consent. This ensures that every Falk navigation device can learn from the experiences of other Falk customers. This gives rise to a constantly Learning Navigation Community which also utilises the knowledge from people with local knowledge, e.g. taxi drivers and couriers.

*Requirement: PC with WinXP, Windows Vista or Windows 7 and Internet.

Note: The data which you make available will be treated in completely anonymous form.

Park & Go

The Park & Go function helps you to find the nearest place to park once you reach a destination. If the destination is a point of interest (POI), information about this POI can be called up.

PND

Portable **N**avigation **D**evice is the collective term for navigation devices which have been developed specifically for mobile use – such as your mobile Falk navigation device. PNDs are noted for being easy to operate, having a large display, and having short charging times so that they can be used without a power supply at any time.

POI

Points **o**f **I**nterest are special destinations such as restaurants, hotels, museums, petrol stations, and much more. The associated destination addresses are already stored in the Falk Navigator. Instead of entering an address, this means you can also search for POIs in a wide range of different categories as part of a POI search or in the Travel Guide.

Look-ahead function

The look-ahead function is an automatic word recognition function which predicts and analyses the information as you enter an address and masks out letters which are no longer possible. The Falk Navigator continuously searches for possible combinations of letters and, accordingly, only shows you the fields which can complete the entry of a city or street name. At the same time, the search results are displayed in a list.

MP3

MP3 (MPEG-1 Audio Layer 3) is the abbreviation for a file format which enables audio data to be compressed without any loss of quality that is detectable by the human ear. This keeps the storage capacity required for your music or audio books very low.

SD memory card

The **S**ecure **D**igital memory card is a digital storage medium for storing songs and audio book titles as well as additional maps, POIs or tours. Your Falk navigation device is capable of reading mini-SD memory cards with a storage volume of up to 16 GB (gigabytes).

Split Screen

Split Screen is the capability of splitting the navigation screen into a detailed map and an overview map. This function is only available for devices which have a large screen (4.3" screen size). Depending on your product, a large arrow display can be shown instead of the overview map.

TMC

Traffic **M**essage **C**hannel is a digital data service for transmitting information about traffic problems to a suitable receiver. Sources for the traffic information include the police, ADAC roadside assistance, and other organisations providing traffic jam alerts. TMC depends on the reception of a suitable radio station which transmits the TMC traffic reports encoded with the radio signal. The Falk Navigator is able to decipher these signals and incorporate them during navigation in order to propose a suitable alternative route if there is an severe traffic problem. Please be aware that you require a navigation device with a TMC receiver in order to be able to receive TMC traffic messages.

TMCpro

TMCpro is a premium data service which, in contrast to standard TMC, provides you with traffic data of even greater quality. As well as all the reports provided by the public TMC sources, TMCpro also makes use of exclusive data from an automated network of sensors. Information is evaluated from data sensors on motorway bridges, sensor strips in the road surface, and also from vehicles which automatically transmit traffic data on how well the traffic is flowing.

Travel Guide

The Travel Guide is the multimedia electronic city guide in your Falk Navigator. It allows you to discover romantic squares, cosy little cafés, the finest delicatessens and everything else you need and want to see in a city.

The Travel Guide is of course based on the long-standing expertise of our Travel Guide editorial teams. In addition to information in numerous subject categories, you will find highlights as well as Insider Tips from the Marco Polo Travel Guides in the form of text, pictures and audio information. Our authors continuously research Insider Tips for you so that you can enjoy exceptional experiences that not everybody can enjoy. Or you can visit the Top Highlights which you really must not miss.

But the Falk Travel Guide is not just a travel guide which suggests travel destinations to you.

Have you always asked yourself how you can recommend your favourite café to thousands of people? The world first of the Learning Travel Guide makes this and much more possible.

The Travel Guide also allows you to rate your favourite places on your navigation device directly. You can also create, on the device itself, new favourites as travel tips which you can then share with your friends via the Falk Internet Community at **www.places.falk.de**.

6.2   Troubleshooting

Problem	Possible cause	Solution
Navigation device will not start	ON /OFF switch on the bottom or on the back of the device is still in the OFF position.	Move switch to ON.
	Battery capacity is too low.	Connect the device to a suitable power source. The device should then start automatically after a few minutes. It can take up to 24 hours to charge up the device. If the device is not used for a lengthy period of time, please use the OFF switch.
No GPS reception / GPS reception is interrupted	GPS reception can be impeded by vaporized windscreens, tight clusters of buildings, heavy cloud cover etc.	You may need to reposition your navigation device. At least 4 satellites are required for navigation. This information can be called up on the PND under "Settings" -> "GPS Info".
	If you perform a hard reset (ON / OFF switch), all GPS settings are reset.	GPS fix may take up to 30 minutes when the device is stationary and is beneath a clear sky.
No TMC / TMC Pro reception	TMC / TMC Pro not enabled in the software.	Check in the settings under "TMC" whether TMC / TMC Pro has been enabled.
	Device is not equipped with the TMC / TMC Pro function.	This can be purchased additionally in our Online Shop.
	No TMC / TMC Pro messages. Poor reception area.	TMC / TMC Pro is delivered by radio stations and TMC Pro providers. To improve the level of reception, we recommend that you use the dipole antenna which is also supplied.
	Dipole antenna is not plugged in correctly and cable is not attached to the windscreen.	Check whether the dipole antenna is correctly and fully plugged into the navigation device. Position the cable in the manner described in the operating manual.

The destination to be searched for cannot be entered	Country map not available / long-distance road network / major roads not installed.	Please check whether the relevant detailed map is supplied with your product or is already preinstalled. If you need to install a map, please use the Navi-Manager which is also supplied.
	City / street / street number not stored in the map material.	Choose a neighbouring city / street / street number in the input mask. Alternatively, the destination point can be set manually on the "Map" screen.
		Despite the very latest up-to-date versions of maps, there are still some areas which are not covered. You can find information about map coverage on our Service & Support pages on the internet. There you can also report map errors.
Street names are not announced	The device may not be equipped with the text-to-speech function.	This can be purchased additionally in our Online Shop.
	The text-to-speech function is disabled on the navigation menu.	Enable function on the navigation menu.
Speed alert does not work /is not permanently displayed	Speed alert is disabled on the navigation menu.	Enable function on the navigation menu.
	No speed warning stored.	Like map data, speed warnings need to be recorded manually and are not 100% available.
Speed camera detector is not available / does not work	Speed camera detector is not installed.	For legal reasons, the speed camera detector has to be installed manually via the Navi-Manager.
	Speed camera detector is disabled on the navigation menu.	The speed camera detector has to be activated again and confirmed on the navigation menu each time that you navigate somewhere.
Reality view is not available / does not work	Device does not come equipped with "Reality view".	This can be purchased additionally in our Online Shop.
	Reality view is disabled on the menu.	Enable reality view on the menu.

6.3 Licence terms and conditions for the Falk Navigator and Navi-Manager

§ 1

Object of the contract

1. The Licensor is United Navigation GmbH, Marco-Polo-Zentrum, 73760 Ostfildern – hereinafter referred to as the "Licensor". In accordance with § 6, the Licensor grants the Licensee, for the duration of the contract, a single (non-exclusive) right which is restricted in accordance with the terms and conditions below to use the enclosed software program which is stored on a data carrier in machine-readable form (object code) - hereinafter referred to as the "software" – including the data which is contained and the accompanying material. Accompanying material in this context is taken to mean the program description and the instructions for use.
2. An acquisition of rights to the software which goes beyond this is not associated with this granting of usage rights. The Licensor shall retain in particular all of the distribution, exhibition, presentation, performance and publication rights to the software. The same applies to the editing and reproduction rights, unless anything to the contrary is expressly agreed below.

§ 2

Scope of the usage rights

1. The granting of the licence entitles the Licensee to install and run the software and to use the data at one workstation (stand-alone application). Furthermore, the Licensee may use the installation program provided by the software to install the software on a portable Windows CE device (stand-alone application) which is sold by the Licensor. Use of the software and the data on a network or a system comprising multiple workstations shall only be permitted if the Licensee has purchased a special licence for every workstation at which the software and data may be used. The software and data may not be used by employing remote data transmission.
2. The granting of the licence only permits private use of the software; commercial use is prohibited.
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5. Another exception to the prohibition on reproduction is the creation of a back-up copy, where this is necessary to safeguard future use of the software exclusively for personal use as assumed by the contract. This copy must be explicitly identified as a back-up copy

and may only be used as such. It must remain in the possession of and be kept safe by the Licensee.

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2. The Licensee is prohibited from making the software, data and/or the accompanying material accessible to third parties as part of commercial or non-commercial activities, circulating it and/or passing it on to the public.
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b) the third party pledges in writing to the Licensors directly that it will abide by these licence terms and conditions,
c) this written declaration of consent is sent to the Licensor and
d) the Licensee has handed over the software, data and the accompanying material in full to the recipient without retaining any copies whatsoever.

§ 4

Warranty

1. The Licensee must report obvious defects within an appropriate set period of time and in writing with a precise description of the defect. Defects must be reported – at the option of the Licensee – exclusively to one of the Licensors mentioned above. Reports of obvious defects which are delayed or unsubstantiated shall release the Licensor from its obligations to provide a service to correct the defects. However, in the event that the Licensor becomes involved with unsubstantiated reports of defects which are raised through gross negligence or deliberately, it shall be entitled to invoice the Licensee for the costs associated with this. In the event that the Licensee is a trader, it must, above and beyond its obligation arising from sentence 1, examine the items delivered and services provided by the Licensors immediately and report any defects which are found immediately in writing and with as precise a description of the defect as possible.
2. The Licensor guarantees that the program functions can be executed without any errors in accordance with the program specifications and contract documents. Errors which only result in a negligible reduction in the usability of the software shall not entitle the Licensee to reduce the amount paid for the granting of the usage rights to the object of the contract or to withdraw from the contract.
3. Outside of the claims under the warranty, the Licensee has no claim against the Licensor for updates to the software and/or data.
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5. If exceptionally the Licensor has promised or demonstrated characteristic features of the software, the data, the accompanying material or the data carriers expressly or in demonstrating the characteristic feature in its own advertising or has fraudulently failed to

disclose defects in these items, paragraphs 2 and 4 above shall not apply. In this case, § 5 paragraph 1 a) shall apply accordingly.

6. A warranty on the part of the Licensor shall not exist in cases of functional impairments which result from the hardware and software environment provided by the Licensee, incorrect operation, incorrect, improper commissioning, use and/or treatment of the subject of the contract by the Licensee, external defective data or other reasons which stem from the Licensee's area of risk, as well as from improper maintenance, alterations and/or inappropriate repairs made by the Licensee or third parties and also from natural wear and tear, provided that the Licensee is not able to demonstrate that the defect is independent of this.

§ 5

Liability

1. The Licensor shall pay compensation or refund wasted expenditure, no matter what the legal ground for this is, only to the following extent:
a) if the Licensor, its legal representatives or vicarious agents have acted with specific intent and if a guarantee has been provided in full in respect of the agreed quality;
b) if the Licensor, its legal representatives or vicarious agents have acted with gross negligence, to the level of the predictable loss which is typical for the contract and should be prevented by the duty to exercise due care;
c) in other cases only when a substantial contractual obligation is breached and when there is a delay, specifically for reimbursement of the typical and predictable loss.
2. Statutory liability in the event of culpable loss of life, physical injury or damage to health and in accordance with the German Product Liability Act shall remain unaffected.
3. The Licensor shall be at liberty to claim contributory negligence.
4. If any data is lost, the Licensor shall only be liable for losses which would have occurred even if the Licensee had backed up its data properly.

§ 6

Term of the contract

1. The contract shall run for an indefinite period of time.
2. The Licensor is entitled to withdraw permission to use the software for a good reason at any time. A good reason shall be deemed to exist in particular if the Licensee fails to comply with the restrictions on use stipulated in § 2 or breaches the terms and conditions for passing on the software laid out in § 3 and does not stop this behaviour immediately even after receiving a written warning with a threat of withdrawal.
3. If permission to use the software is withdrawn, the Licensee must destroy the original data carriers and any copies which exist and delete any data and software which is stored completely and irreversibly. It must provide the Licensor with a written assurance that the items have been completely destroyed and deleted.

§ 7

Statute of limitations

The Licensee's claims on account of defects shall become statute-barred within a year. If the objects of the contract are new moveable assets and the Licensee is a consumer, all claims shall only become statute-barred after 24 months. The statutory regulations shall apply to instances of premeditated or fraudulent behaviour, if there is personal injury or in the case of claims under the German Product Liability Act. The start of the period of limitation shall be governed by the statutory regulations.

§ 8

Final provisions

The agreement reached here shall be governed by the law of the Federal Republic of Germany to the exclusion of the UN Convention on Contracts for the International Sale of Goods. The place of performance for all obligations arising there from shall be Esslingen (Germany). The parties agree that Esslingen (Germany) shall be the place of jurisdiction for all disputes arising from this licence agreement if the Licensee is a trader or is of equal standing to a trader or if its registered office or branch office is abroad.

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